

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031423\  
 Data File : BP014087.D  
 Acq On : 14 Mar 2023 17:43  
 Operator : CG/JU  
 Sample : PB151375BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB151375BS

Quant Time: Mar 15 04:33:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP030623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 14 04:15:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.069  | 152  | 135359   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.893 | 136  | 495782   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.710 | 164  | 296225   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.463 | 188  | 612380   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.545 | 240  | 574239   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.074 | 264  | 644159   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.611  | 112  | 906034   | 108.552 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.222  | 99   | 1164011  | 106.221 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.240  | 82   | 773453   | 71.304  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.198 | 330  | 440292   | 91.673  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.328 | 172  | 1566089  | 68.495  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.998 | 244  | 2227057  | 63.951  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.464  | 88   | 156176   | 43.072  | ng    | 94       |
| 3) Pyridine                   | 3.881  | 79   | 401511   | 39.873  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.787  | 42   | 195388   | 43.713  | ng    | # 99     |
| 6) Aniline                    | 7.393  | 93   | 501202   | 34.818  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.628  | 128  | 417698   | 46.726  | ng    | 96       |
| 9) Benzaldehyde               | 7.199  | 77   | 211576   | 38.582  | ng    | 100      |
| 10) Phenol                    | 7.252  | 94   | 537363   | 47.116  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.487  | 93   | 421989   | 46.730  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.952  | 146  | 474731   | 48.326  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.105  | 146  | 478502   | 48.148  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.422  | 146  | 458919   | 48.212  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.310  | 79   | 398759   | 44.631  | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.599  | 45   | 532353   | 54.149  | ng    | 96       |
| 17) 2-Methylphenol            | 8.510  | 107  | 350469   | 43.087  | ng    | 98       |
| 18) Hexachloroethane          | 9.157  | 117  | 182106   | 48.778  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.881  | 70   | 333152   | 46.189  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.840  | 107  | 462227   | 42.195  | ng    | 99       |
| 22) Acetophenone              | 8.899  | 105  | 641694   | 46.143  | ng    | 98       |
| 24) Nitrobenzene              | 9.287  | 77   | 510971   | 46.038  | ng    | 98       |
| 25) Isophorone                | 9.810  | 82   | 862417   | 43.149  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.999  | 139  | 211660   | 43.843  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.052 | 122  | 359366   | 45.781  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.293 | 93   | 528682   | 45.701  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.534 | 162  | 373323   | 43.446  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.751 | 180  | 434896   | 44.580  | ng    | 99       |
| 31) Naphthalene               | 10.940 | 128  | 1217452  | 44.689  | ng    | 99       |
| 32) Benzoic acid              | 10.193 | 122  | 229632   | 36.015  | ng    | 95       |
| 33) 4-Chloroaniline           | 11.057 | 127  | 196160   | 16.797  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.222 | 225  | 296490   | 41.803  | ng    | 98       |
| 35) Caprolactam               | 11.846 | 113  | 105019   | 42.698  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 12.163 | 107  | 417536   | 43.569  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.540 | 142  | 833803   | 41.487  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.757 | 142  | 769031   | 41.049  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.904 | 216  | 491927   | 43.567  | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.881 | 237  | 733666   | 103.536 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.145 | 196  | 303735   | 42.557  | ng    | 99       |

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 QLast Update : Tue Mar 14 04:15:47 2023  
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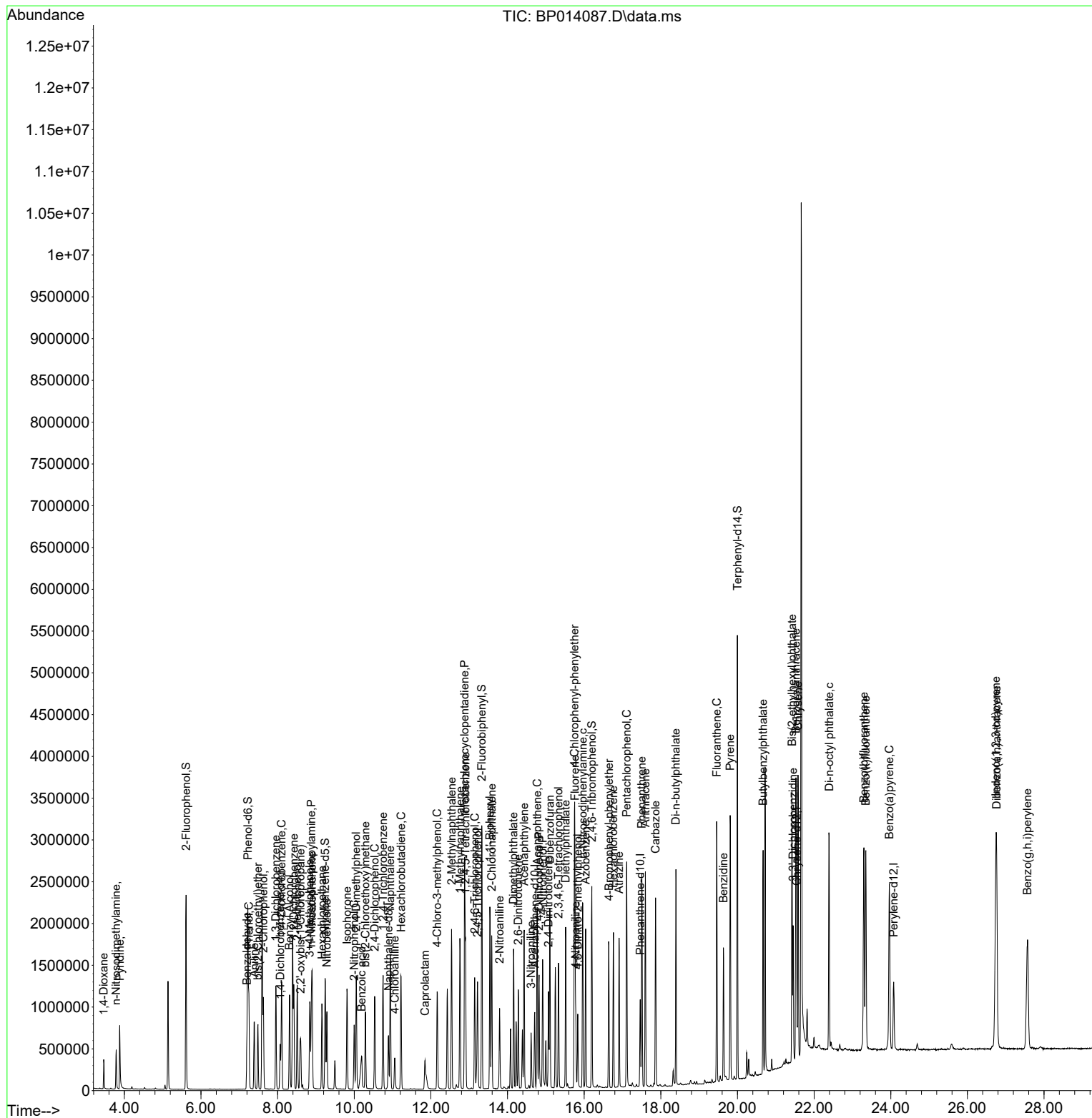
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.216 | 196  | 327661   | 39.619 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.540 | 154  | 1076636  | 45.154 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.587 | 162  | 833505   | 45.410 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.792 | 65   | 263405   | 47.285 | ng    | 96       |
| 49) Acenaphthylene            | 14.434 | 152  | 1282841  | 43.948 | ng    | 99       |
| 50) Dimethylphthalate         | 14.157 | 163  | 1022992  | 41.861 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.281 | 165  | 222056   | 43.148 | ng    | 96       |
| 52) Acenaphthene              | 14.775 | 154  | 766683   | 43.632 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.616 | 138  | 148438   | 29.431 | ng    | 91       |
| 54) 2,4-Dinitrophenol         | 14.822 | 184  | 284630   | 74.800 | ng    | 97       |
| 55) Dibenzofuran              | 15.104 | 168  | 1241038  | 43.323 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.916 | 139  | 357980   | 87.163 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.069 | 165  | 299349   | 43.514 | ng    | 97       |
| 58) Fluorene                  | 15.757 | 166  | 979225   | 43.050 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.328 | 232  | 293181   | 40.635 | ng    | 95       |
| 60) Diethylphthalate          | 15.516 | 149  | 1017437  | 42.167 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.745 | 204  | 520959   | 40.402 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.781 | 138  | 209127   | 41.642 | ng    | 93       |
| 63) Azobenzene                | 16.039 | 77   | 1045700  | 46.835 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.834 | 198  | 181450   | 40.003 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.963 | 169  | 846086   | 43.724 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.645 | 248  | 326061   | 40.253 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.763 | 284  | 374623   | 43.147 | ng    | 99       |
| 69) Atrazine                  | 16.910 | 200  | 315276   | 46.406 | ng    | 99       |
| 70) Pentachlorophenol         | 17.110 | 266  | 474491   | 75.775 | ng    | 98       |
| 71) Phenanthrene              | 17.504 | 178  | 1499511  | 43.832 | ng    | 100      |
| 72) Anthracene                | 17.598 | 178  | 1536053  | 43.943 | ng    | 99       |
| 73) Carbazole                 | 17.863 | 167  | 1343217  | 44.547 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.392 | 149  | 1713393  | 45.448 | ng    | 99       |
| 75) Fluoranthene              | 19.457 | 202  | 1781191  | 43.560 | ng    | 98       |
| 77) Benzidine                 | 19.633 | 184  | 894759   | 80.340 | ng    | 100      |
| 78) Pyrene                    | 19.810 | 202  | 1908482  | 43.301 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.669 | 149  | 736124   | 44.054 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.527 | 228  | 1824897  | 43.312 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.451 | 252  | 491237   | 36.437 | ng    | 99       |
| 83) Chrysene                  | 21.580 | 228  | 1712599  | 42.921 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.422 | 149  | 1101286  | 44.926 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.392 | 149  | 1860668  | 46.760 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.745 | 276  | 2343277  | 47.080 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.298 | 252  | 1896033  | 44.951 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.351 | 252  | 1874911  | 44.832 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.963 | 252  | 1672188  | 41.563 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.762 | 278  | 1948374  | 47.087 | ng #  | 98       |
| 92) Benzo(g,h,i)perylene      | 27.568 | 276  | 1920156  | 46.825 | ng    | 98       |

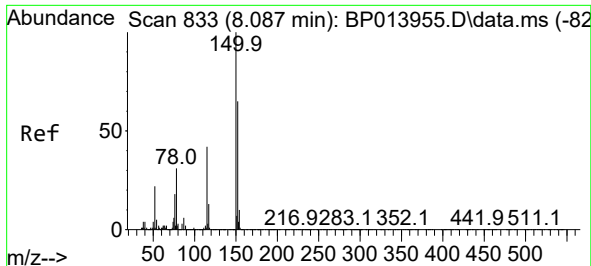
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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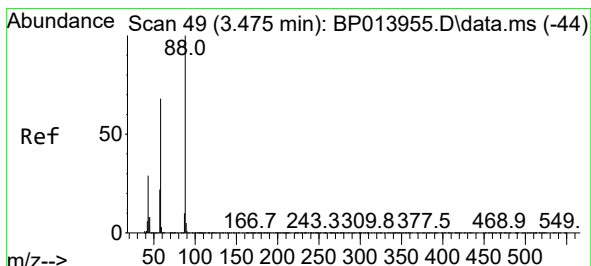
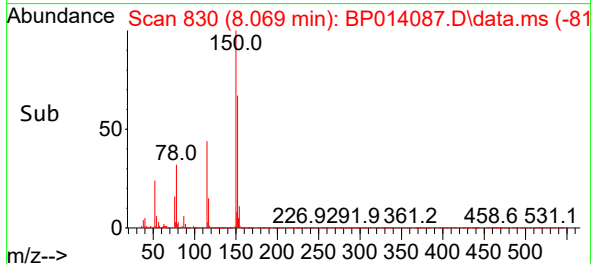
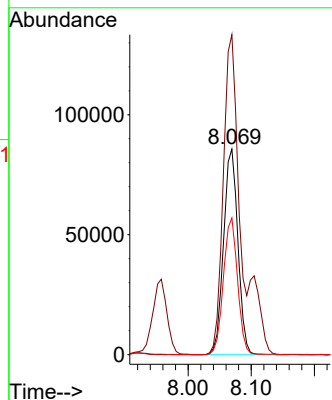
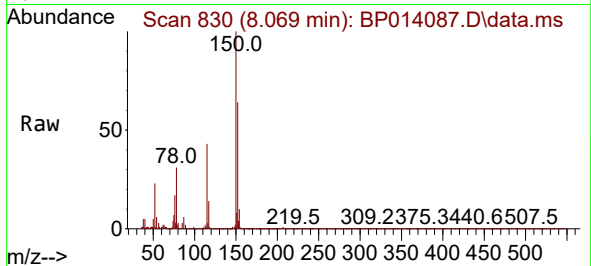




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.069 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

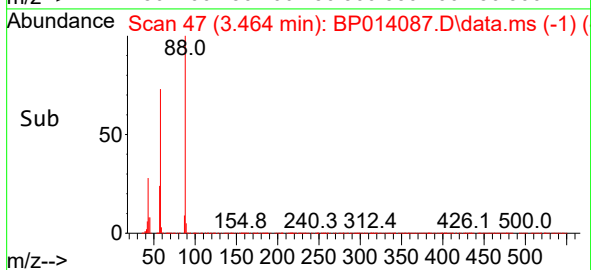
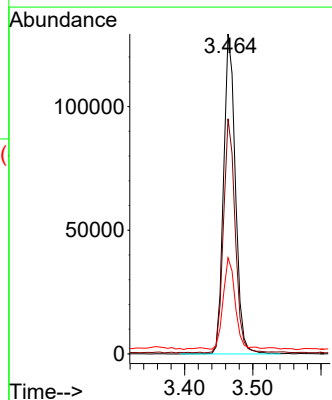
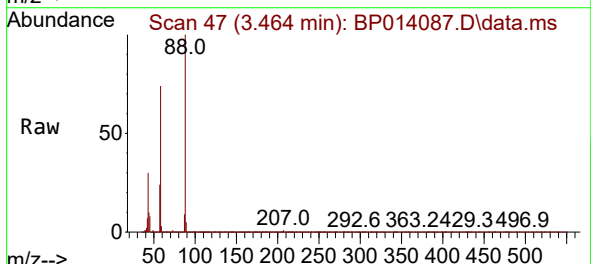
Instrument :  
BNA\_P  
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PB151375BS

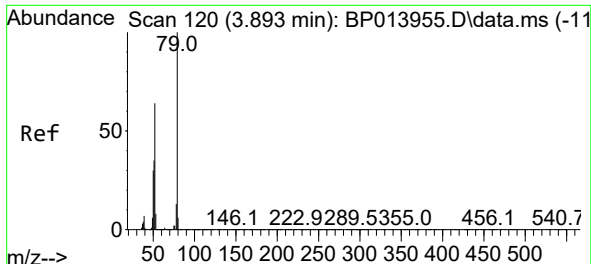
Tgt Ion:152 Resp: 135359  
Ion Ratio Lower Upper  
152 100  
150 155.6 122.3 183.5  
115 66.6 51.6 77.4



#2  
1,4-Dioxane  
Concen: 43.072 ng  
RT: 3.464 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 88 Resp: 156176  
Ion Ratio Lower Upper  
88 100  
58 72.8 53.8 80.8  
43 29.3 22.1 33.1

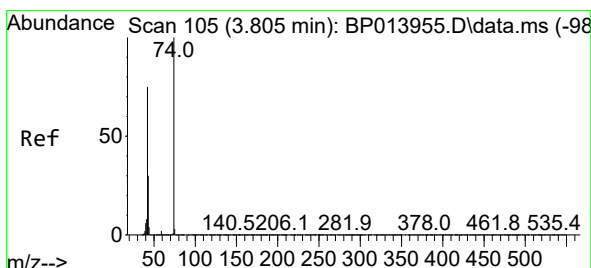
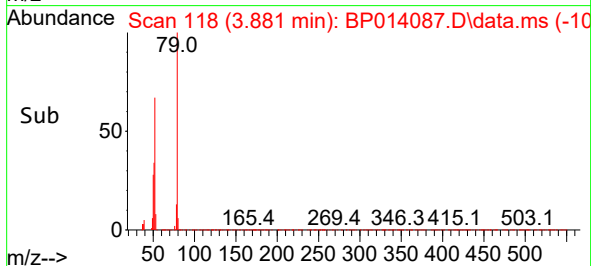
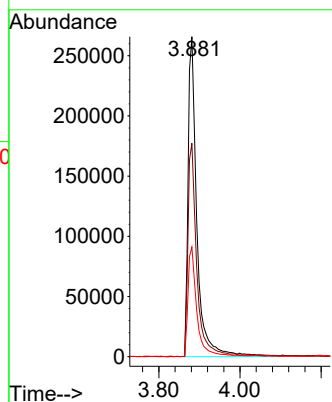
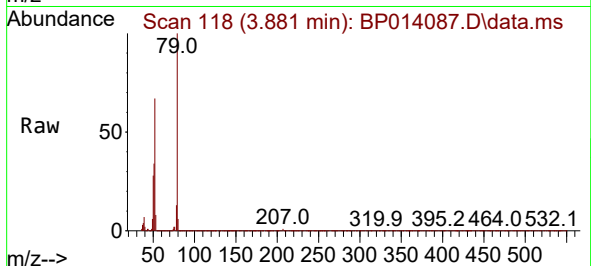




#3  
 Pyridine  
 Concen: 39.873 ng  
 RT: 3.881 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BP014087.D  
 Acq: 14 Mar 2023 17:43

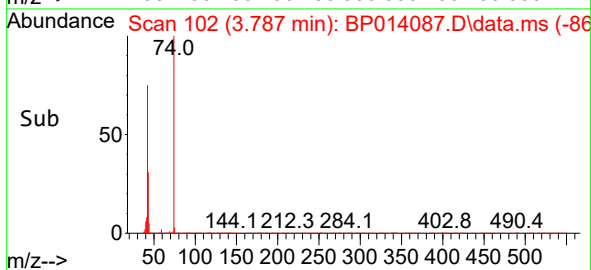
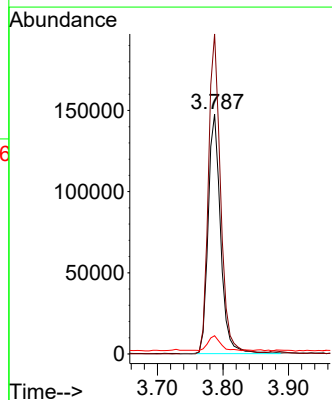
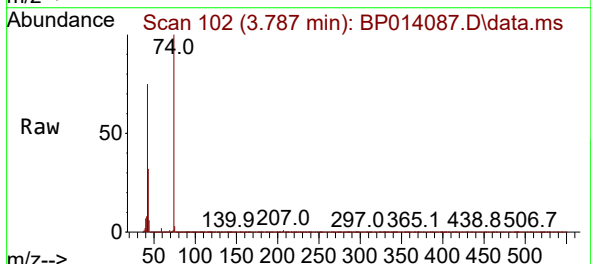
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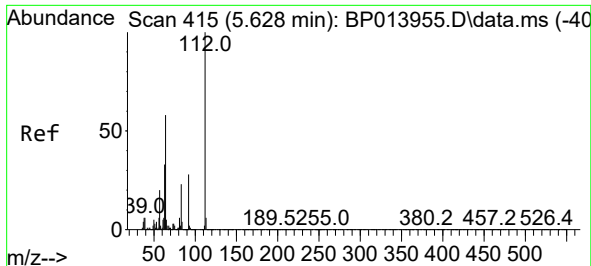
Tgt Ion: 79 Resp: 401511  
 Ion Ratio Lower Upper  
 79 100  
 52 66.7 51.0 76.4  
 51 34.3 28.2 42.2



#4  
 n-Nitrosodimethylamine  
 Concen: 43.713 ng  
 RT: 3.787 min Scan# 102  
 Delta R.T. -0.006 min  
 Lab File: BP014087.D  
 Acq: 14 Mar 2023 17:43

Tgt Ion: 42 Resp: 195388  
 Ion Ratio Lower Upper  
 42 100  
 74 133.4 107.0 160.6  
 44 7.6 4.5 6.7#

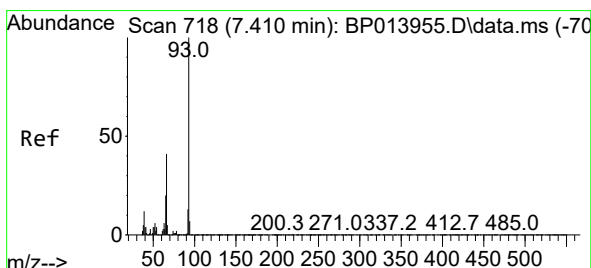
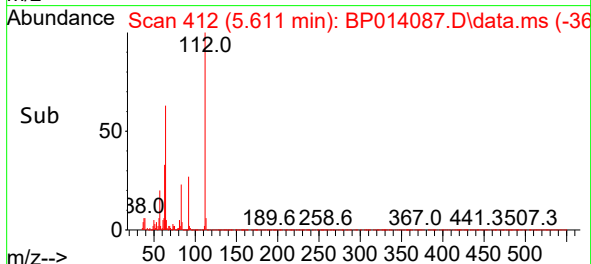
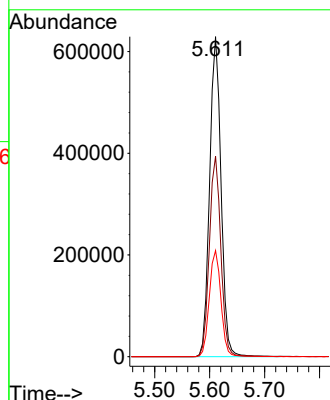
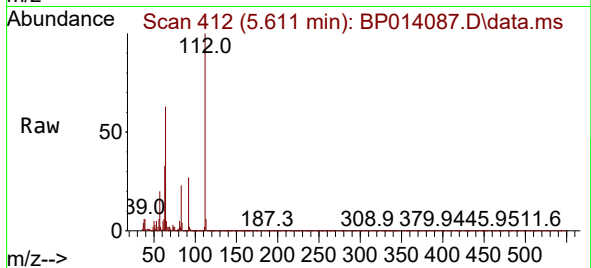




#5  
2-Fluorophenol  
Concen: 108.552 ng  
RT: 5.611 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

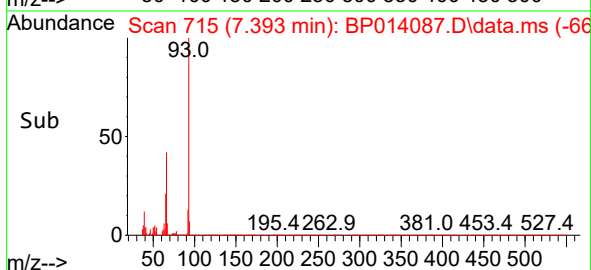
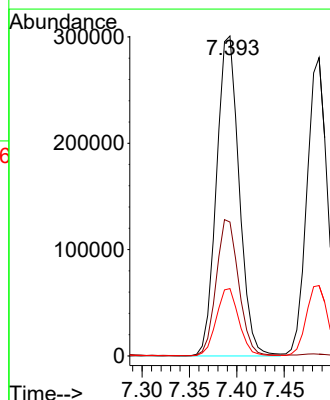
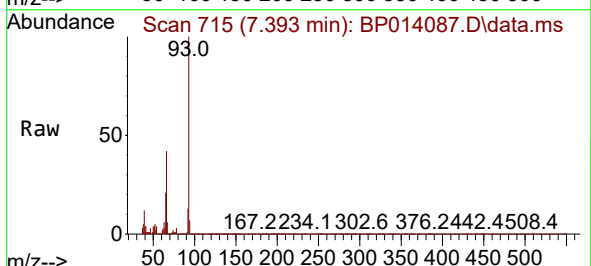
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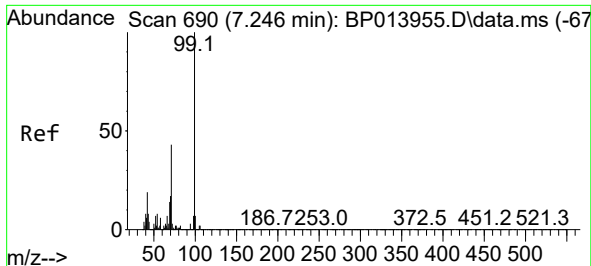
Tgt Ion:112 Resp: 906034  
Ion Ratio Lower Upper  
112 100  
64 62.6 46.7 70.1  
63 33.2 26.6 40.0



#6  
Aniline  
Concen: 34.818 ng  
RT: 7.393 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 93 Resp: 501202  
Ion Ratio Lower Upper  
93 100  
66 41.8 32.6 48.8  
65 21.0 16.0 24.0

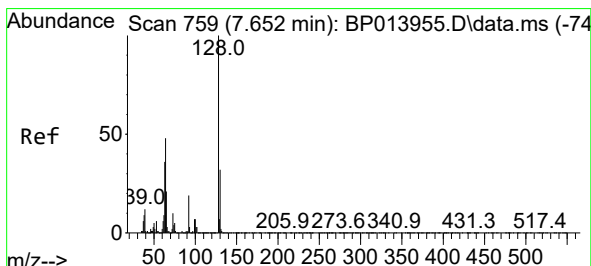
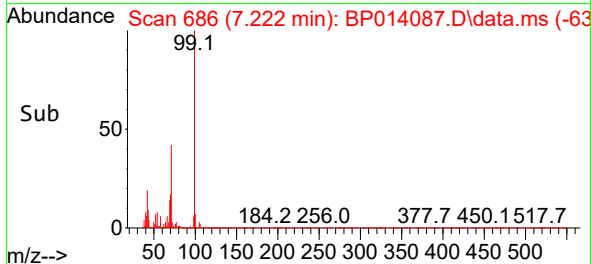
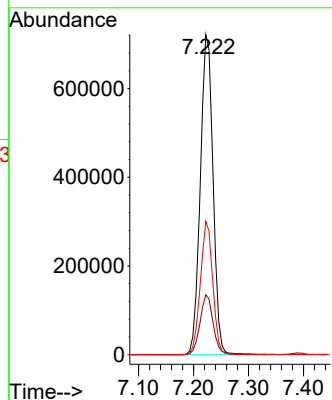
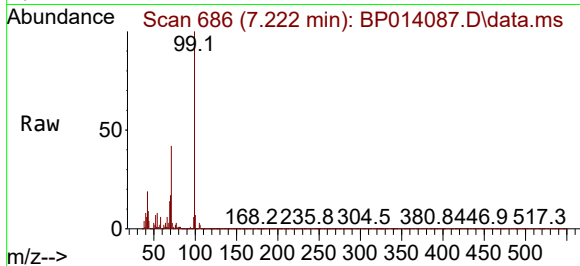




#7  
Phenol-d6  
Concen: 106.221 ng  
RT: 7.222 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

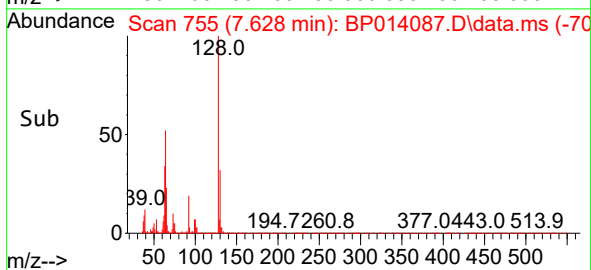
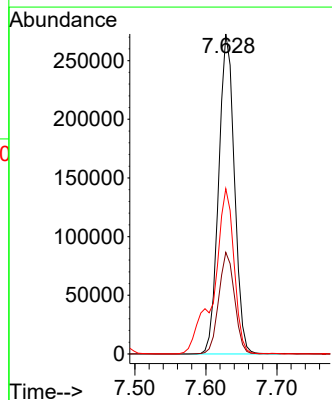
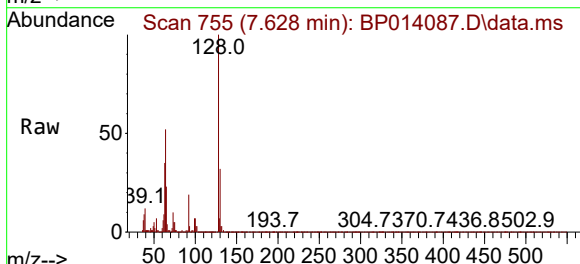
Instrument :  
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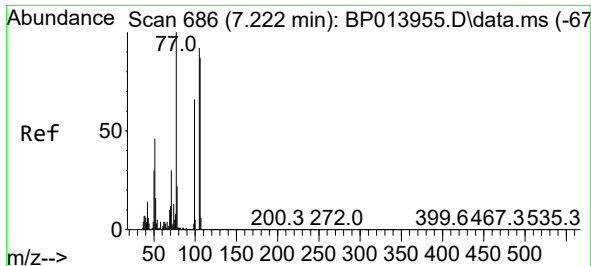
Tgt Ion: 99 Resp: 1164011  
Ion Ratio Lower Upper  
99 100  
42 18.7 15.0 22.6  
71 41.7 34.3 51.5



#8  
2-Chlorophenol  
Concen: 46.726 ng  
RT: 7.628 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:128 Resp: 417698  
Ion Ratio Lower Upper  
128 100  
130 31.8 12.3 52.3  
64 51.6 27.6 67.6

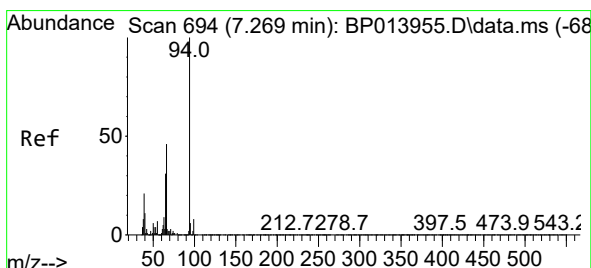
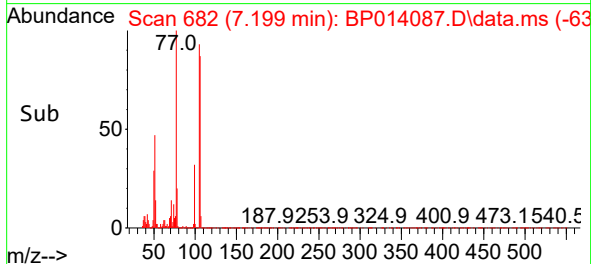
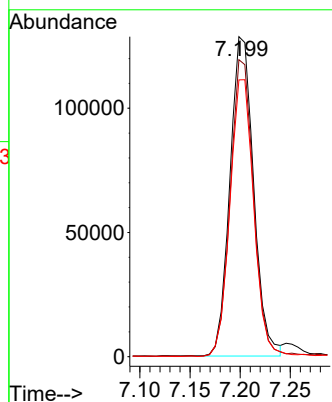
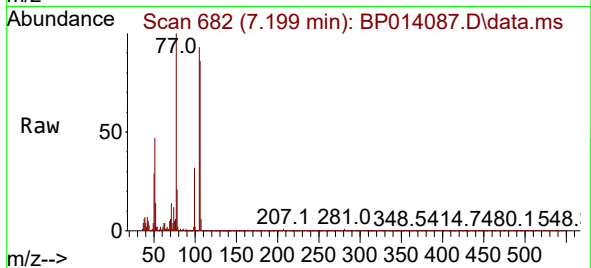




#9  
Benzaldehyde  
Concen: 38.582 ng  
RT: 7.199 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

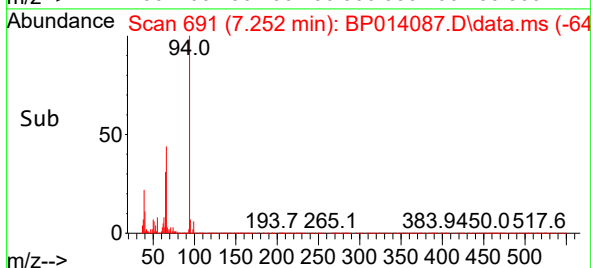
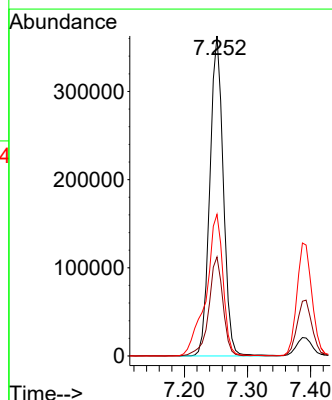
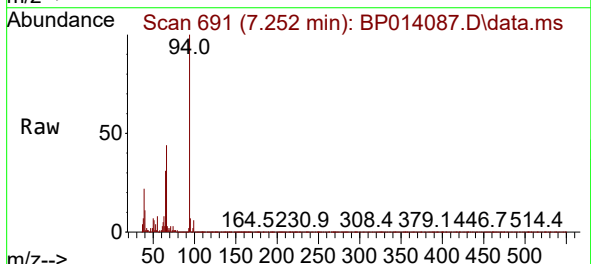
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

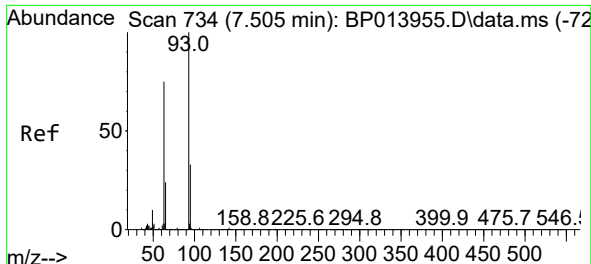
Tgt Ion: 77 Resp: 211576  
Ion Ratio Lower Upper  
77 100  
105 92.8 72.4 112.4  
106 86.5 66.9 106.9



#10  
Phenol  
Concen: 47.116 ng  
RT: 7.252 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 94 Resp: 537363  
Ion Ratio Lower Upper  
94 100  
65 31.0 10.9 50.9  
66 44.3 26.1 66.1

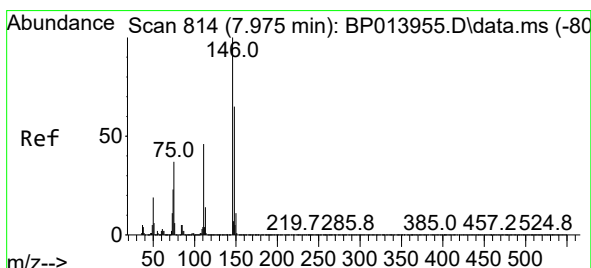
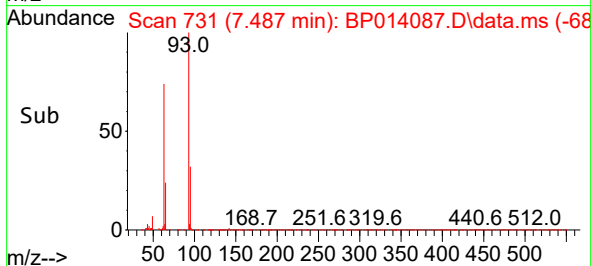
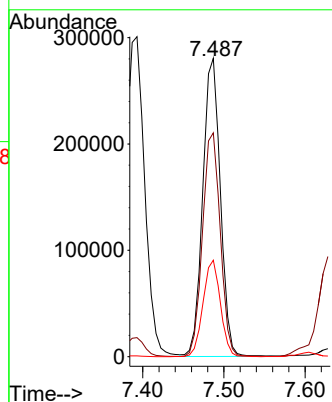
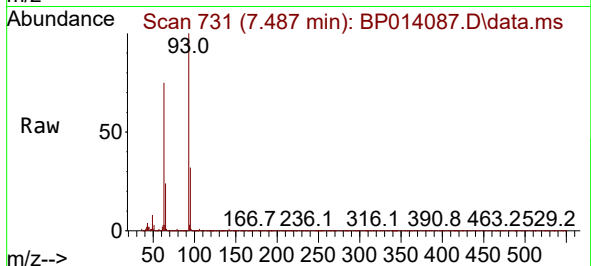




#11  
bis(2-Chloroethyl)ether  
Concen: 46.730 ng  
RT: 7.487 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

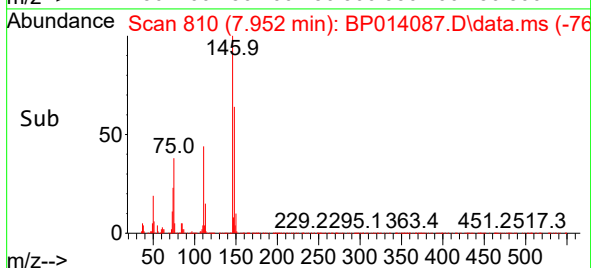
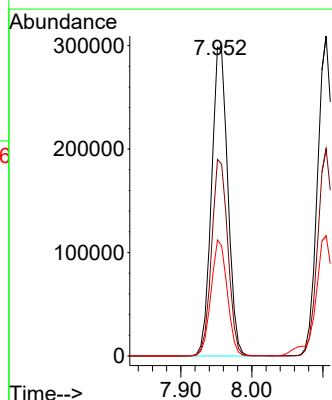
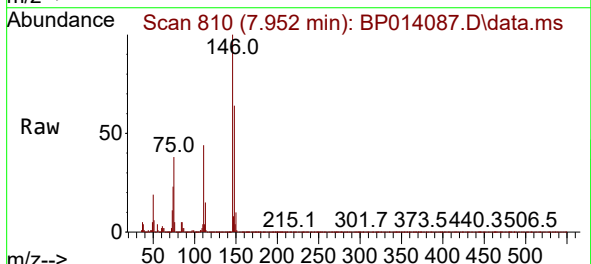
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

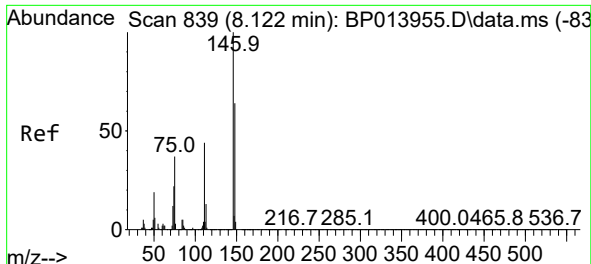
Tgt Ion: 93 Resp: 421989  
Ion Ratio Lower Upper  
93 100  
63 75.0 54.2 94.2  
95 32.3 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 48.326 ng  
RT: 7.952 min Scan# 810  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:146 Resp: 474731  
Ion Ratio Lower Upper  
146 100  
148 63.6 52.1 78.1  
75 37.5 29.4 44.0

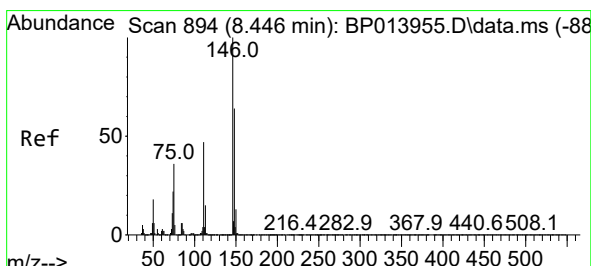
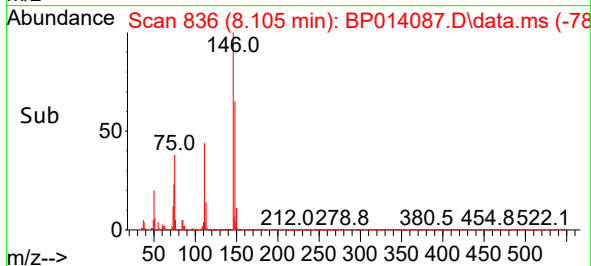
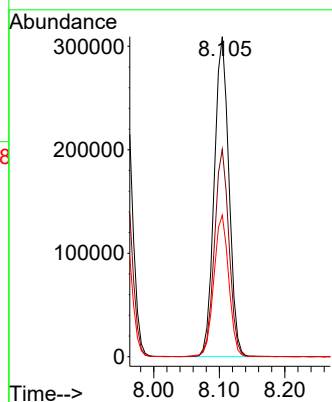
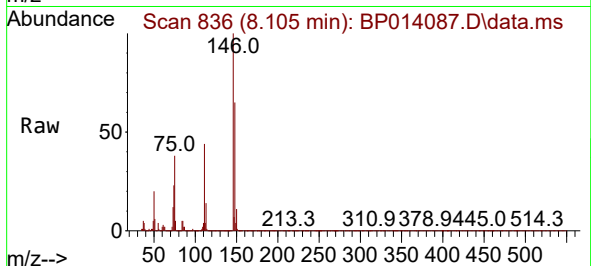




#13  
1,4-Dichlorobenzene  
Concen: 48.148 ng  
RT: 8.105 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

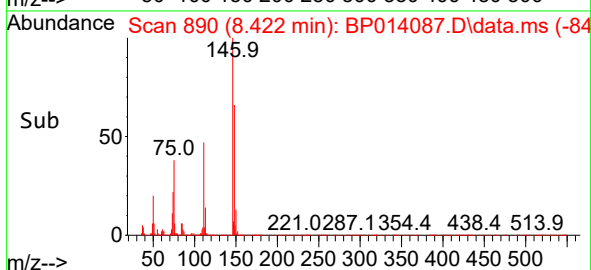
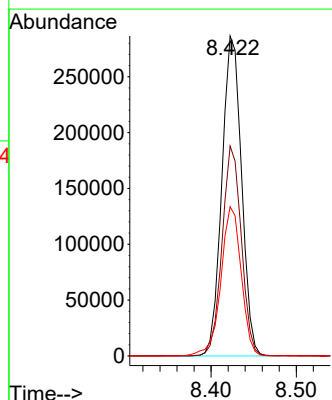
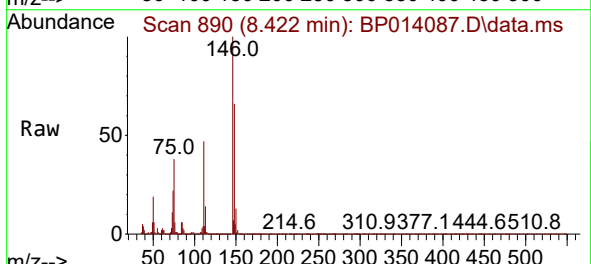
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

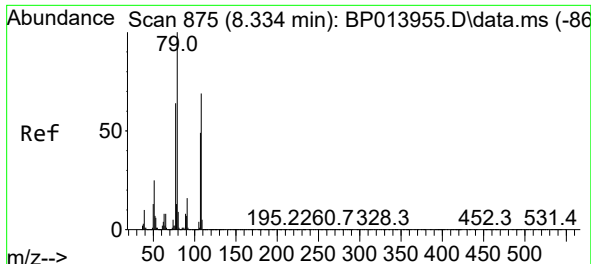
Tgt Ion:146 Resp: 478502  
Ion Ratio Lower Upper  
146 100  
148 64.8 51.4 77.2  
111 44.3 35.1 52.7



#14  
1,2-Dichlorobenzene  
Concen: 48.212 ng  
RT: 8.422 min Scan# 890  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:146 Resp: 458919  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.4 77.0  
111 46.7 37.2 55.8

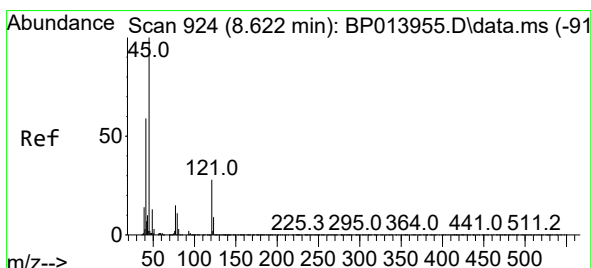
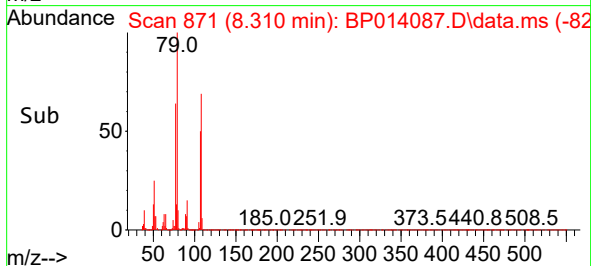
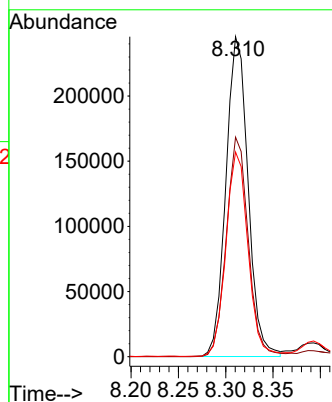
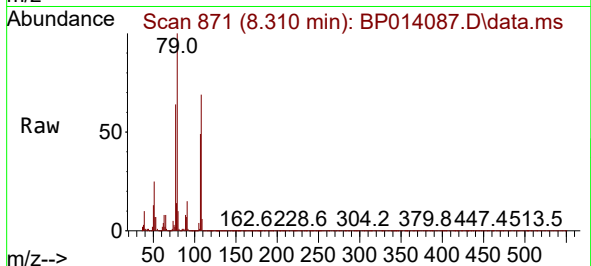




#15  
Benzyl Alcohol  
Concen: 44.631 ng  
RT: 8.310 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

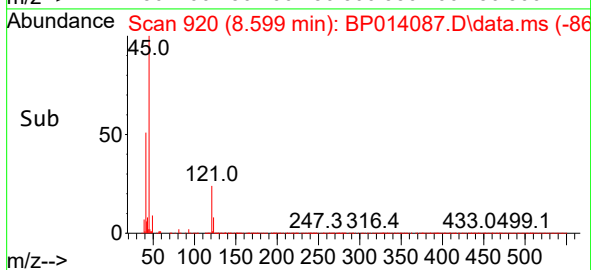
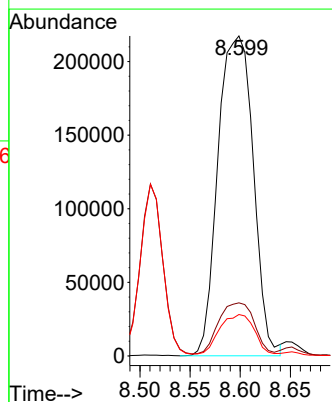
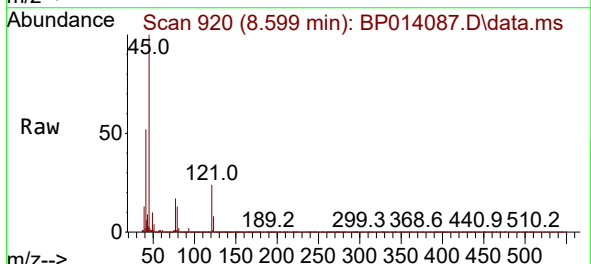
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

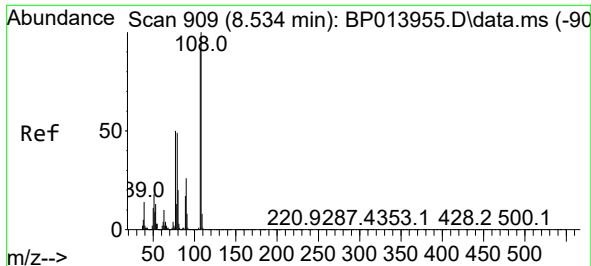
Tgt Ion: 79 Resp: 398759  
Ion Ratio Lower Upper  
79 100  
108 68.6 54.9 82.3  
77 64.0 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 54.149 ng  
RT: 8.599 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 45 Resp: 532353  
Ion Ratio Lower Upper  
45 100  
77 16.6 0.0 38.7  
79 13.0 0.0 34.4

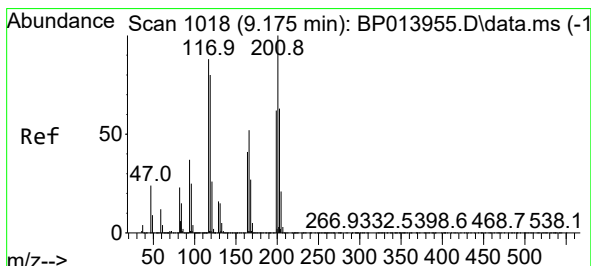
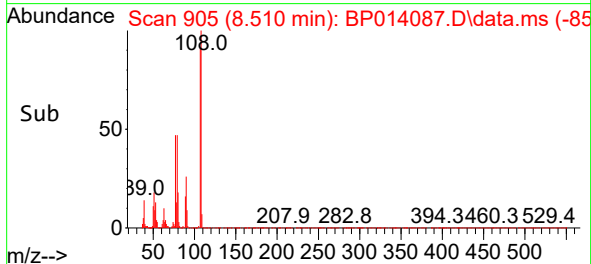
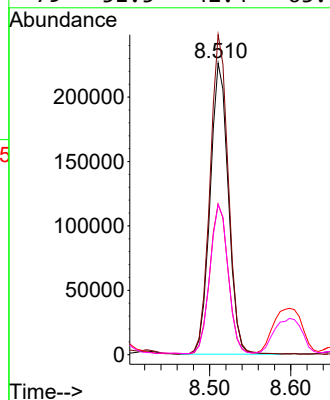
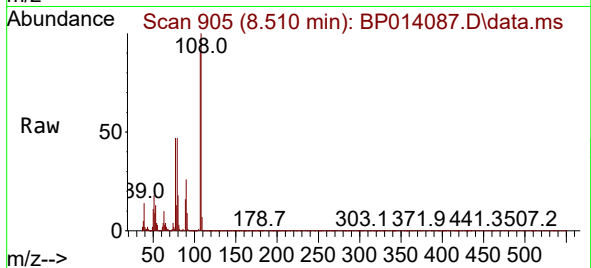




#17  
2-Methylphenol  
Concen: 43.087 ng  
RT: 8.510 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

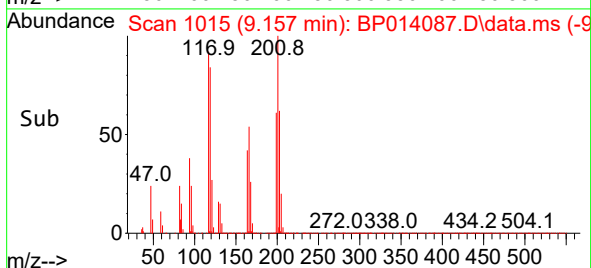
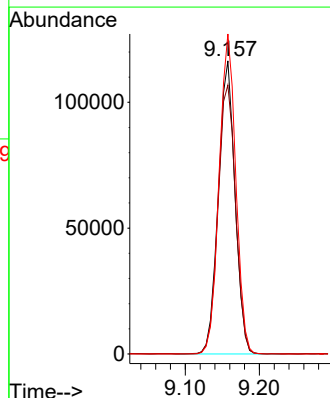
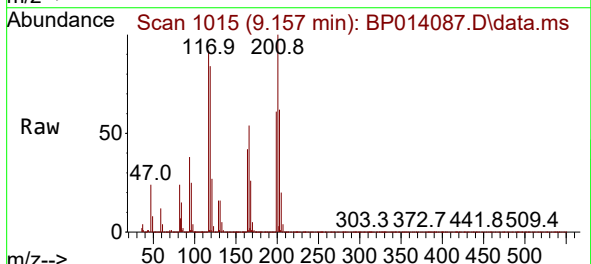
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

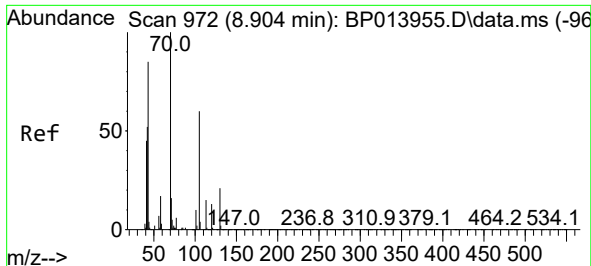
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 350469 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.7 | 87.0  | 130.4  |
| 77       | 51.6  | 44.0  | 66.0   |
| 79       | 51.5  | 42.4  | 63.6   |



#18  
Hexachloroethane  
Concen: 48.778 ng  
RT: 9.157 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 182106 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 91.8  | 73.3  | 109.9  |
| 201      | 109.2 | 91.1  | 136.7  |



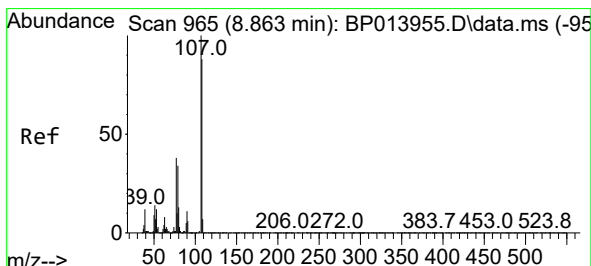
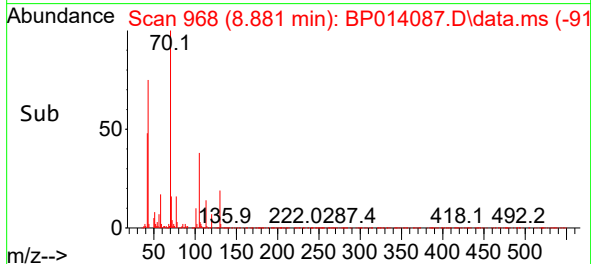
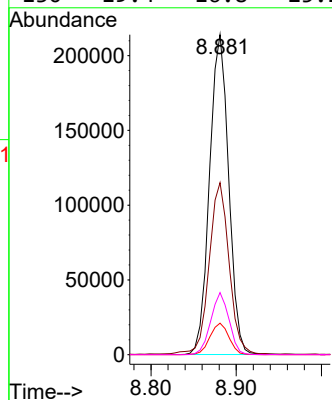
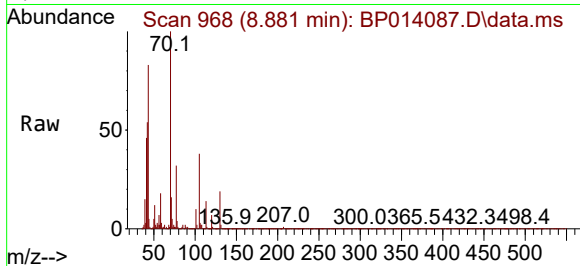


#19  
n-Nitroso-di-n-propylamine  
Concen: 46.189 ng  
RT: 8.881 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

Tgt Ion: 70 Resp: 333152

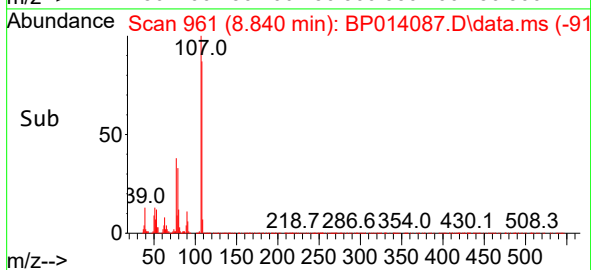
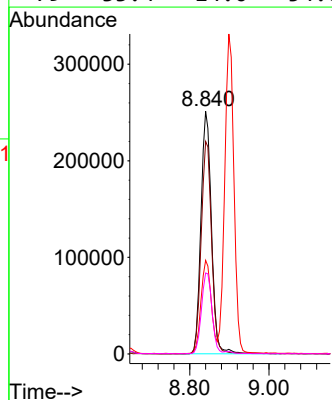
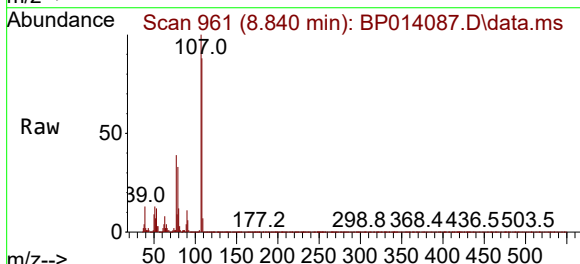
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.7  | 42.4  | 63.6  |
| 101 | 9.9   | 8.2   | 12.4  |
| 130 | 19.4  | 16.8  | 25.2  |

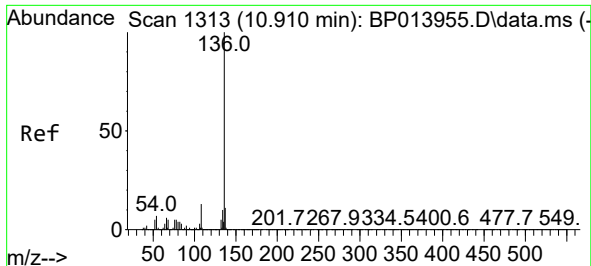


#20  
3+4-Methylphenols  
Concen: 42.195 ng  
RT: 8.840 min Scan# 961  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 107 Resp: 462227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.5  | 68.2  | 108.2 |
| 77  | 38.6  | 18.1  | 58.1  |
| 79  | 33.4  | 14.0  | 54.0  |

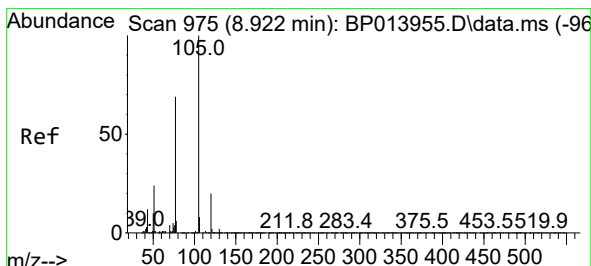
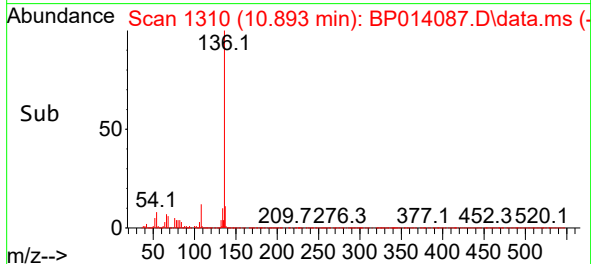
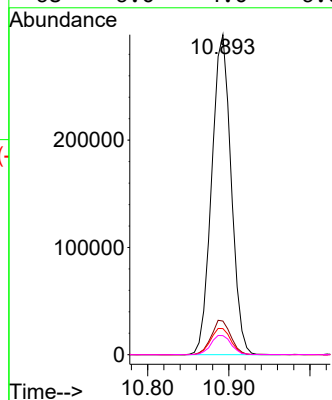
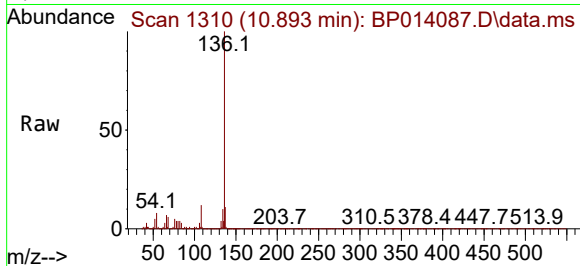




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.893 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

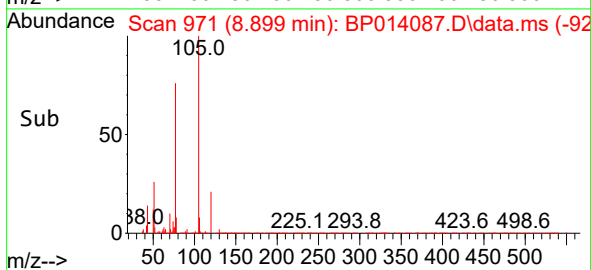
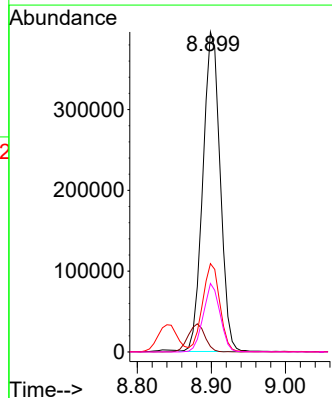
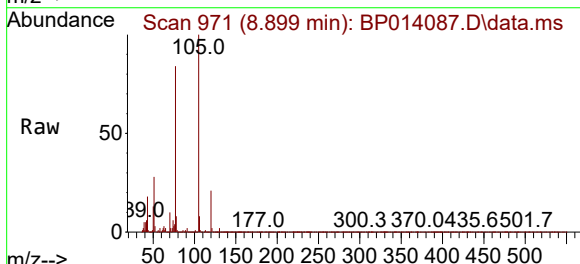
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

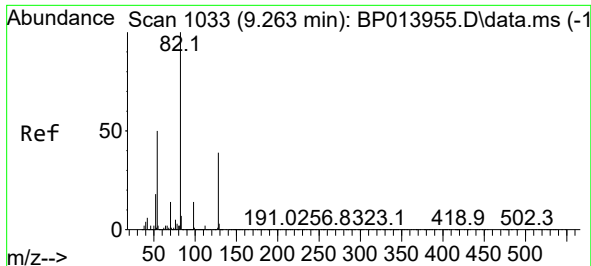
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 495782 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.5  | 8.7   | 13.1   |
| 54        | 8.2   | 5.8   | 8.8    |
| 68        | 6.0   | 4.0   | 6.0    |



#22  
Acetophenone  
Concen: 46.143 ng  
RT: 8.899 min Scan# 971  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 641694 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.7   | 1.4   | 2.0    |
| 51        | 27.6  | 21.5  | 32.3   |
| 120       | 21.4  | 16.2  | 24.4   |

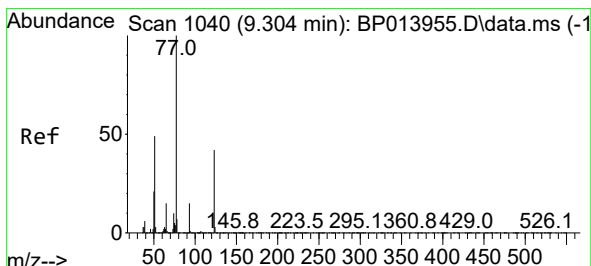
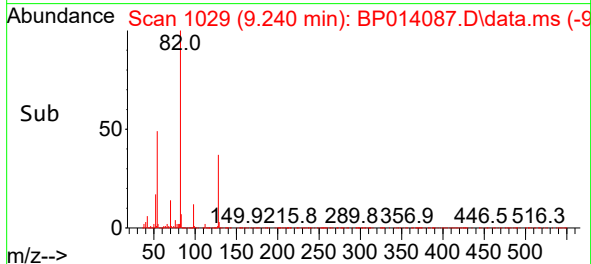
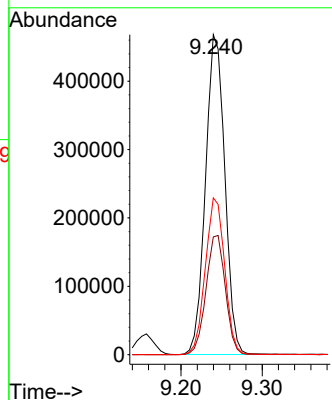
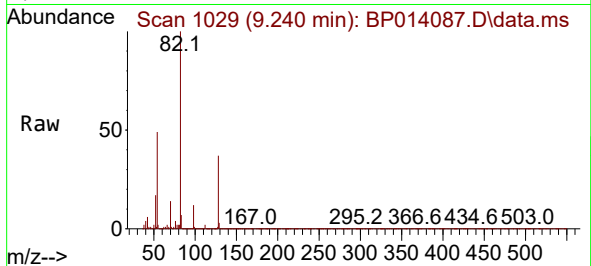




#23  
Nitrobenzene-d5  
Concen: 71.304 ng  
RT: 9.240 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

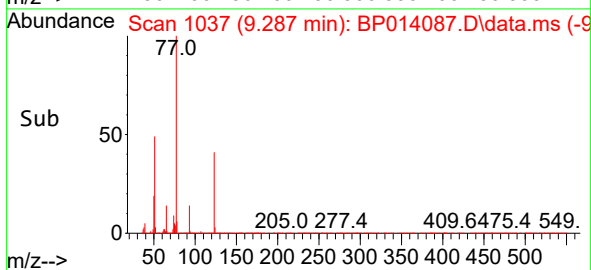
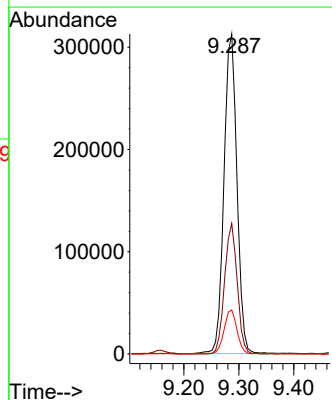
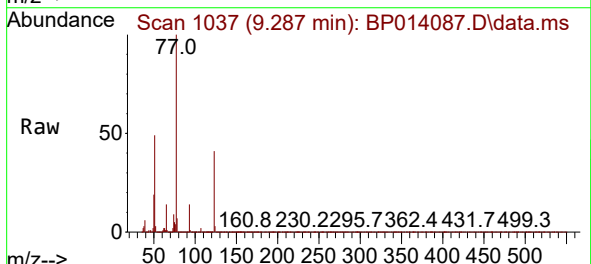
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

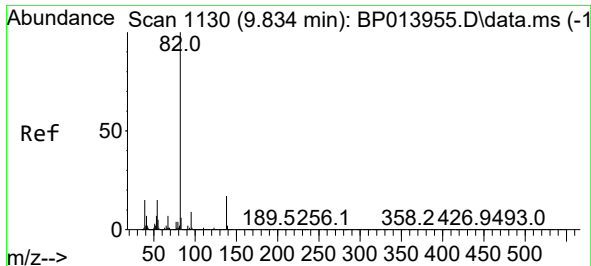
Tgt Ion: 82 Resp: 773453  
Ion Ratio Lower Upper  
82 100  
128 36.8 31.1 46.7  
54 49.0 40.0 60.0



#24  
Nitrobenzene  
Concen: 46.038 ng  
RT: 9.287 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 77 Resp: 510971  
Ion Ratio Lower Upper  
77 100  
123 40.7 33.6 50.4  
65 13.8 11.6 17.4

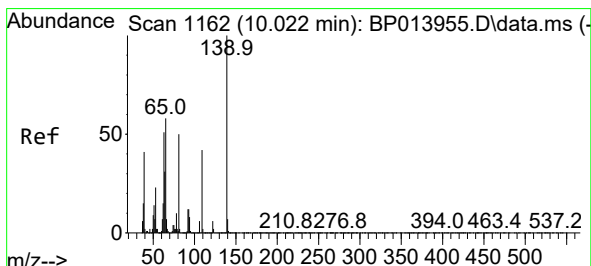
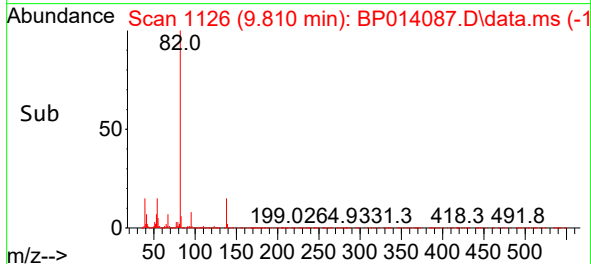
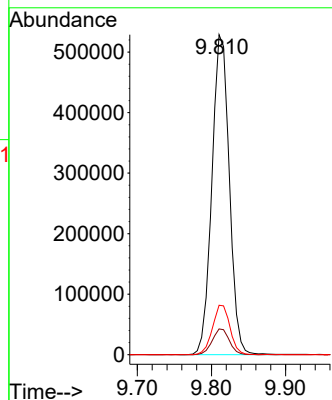
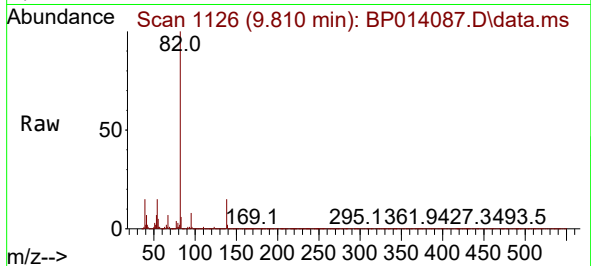




#25  
Isophorone  
Concen: 43.149 ng  
RT: 9.810 min Scan# 1130  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

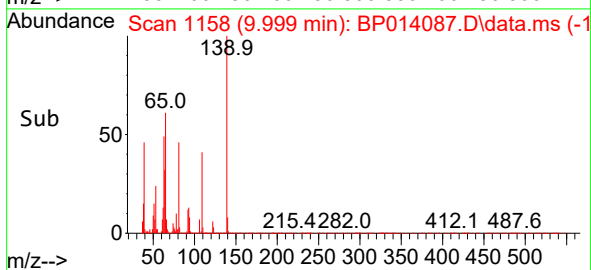
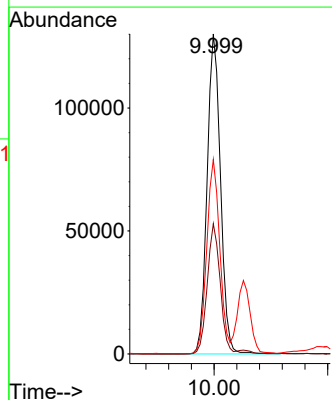
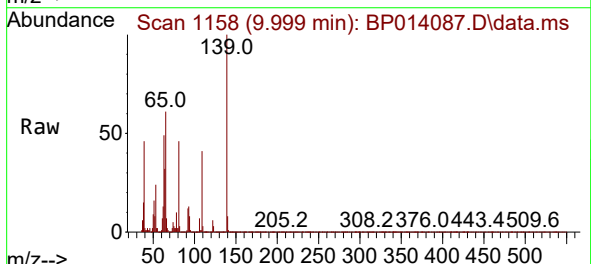
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

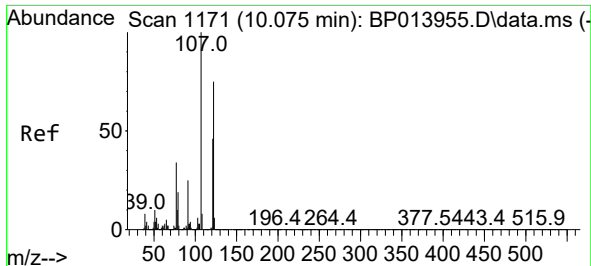
Tgt Ion: 82 Resp: 862417  
Ion Ratio Lower Upper  
82 100  
95 8.1 6.9 10.3  
138 15.5 13.3 19.9



#26  
2-Nitrophenol  
Concen: 43.843 ng  
RT: 9.999 min Scan# 1158  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 139 Resp: 211660  
Ion Ratio Lower Upper  
139 100  
109 40.7 33.8 50.8  
65 60.8 46.6 70.0





#27

2,4-Dimethylphenol

Concen: 45.781 ng

RT: 10.052 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

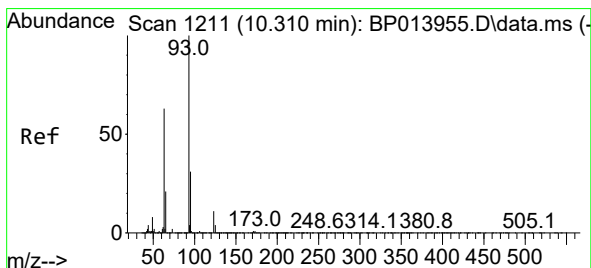
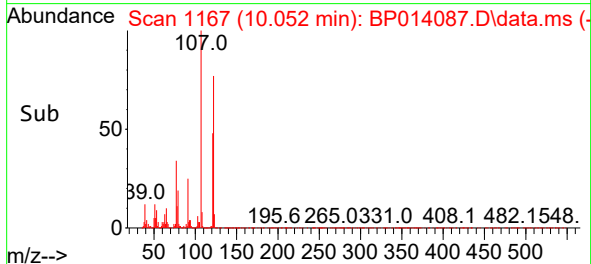
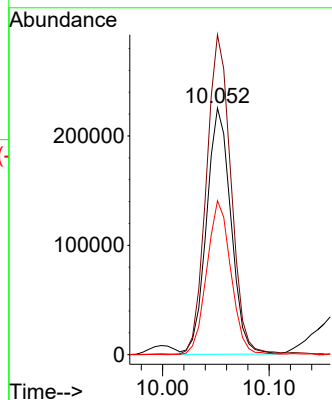
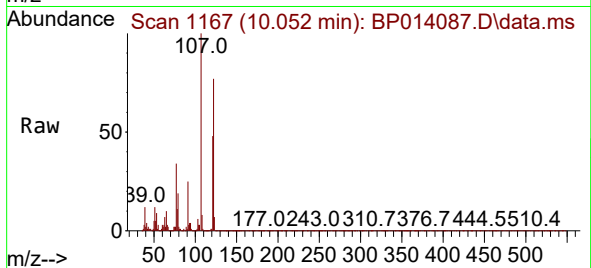
Tgt Ion:122 Resp: 359366

Ion Ratio Lower Upper

122 100

107 129.7 105.9 158.9

121 62.4 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.701 ng

RT: 10.293 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

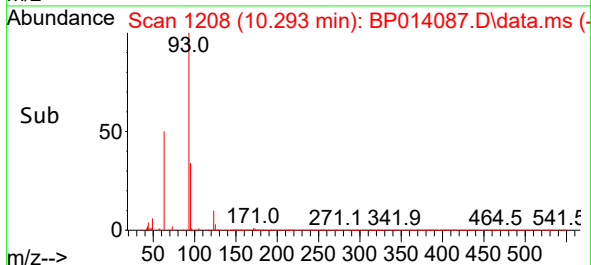
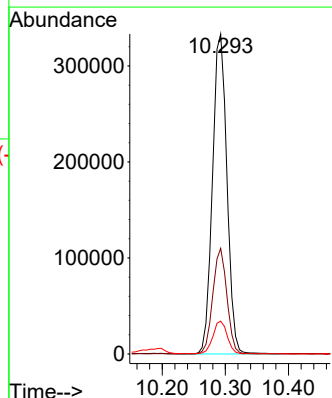
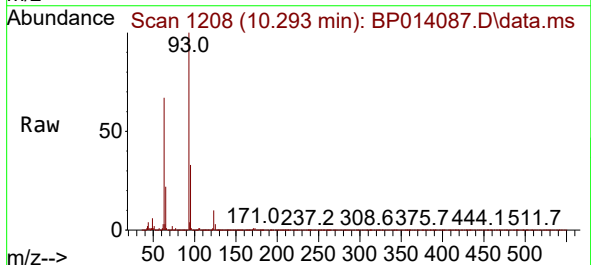
Tgt Ion: 93 Resp: 528682

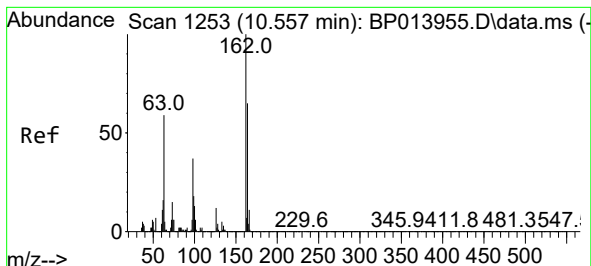
Ion Ratio Lower Upper

93 100

95 33.0 25.0 37.6

123 10.2 8.6 12.8

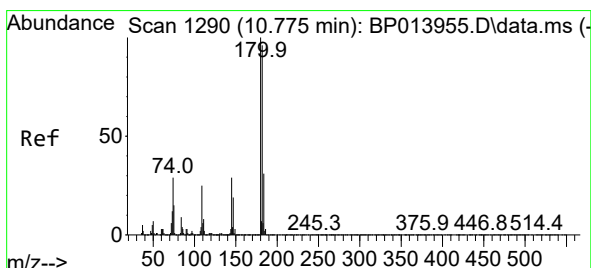
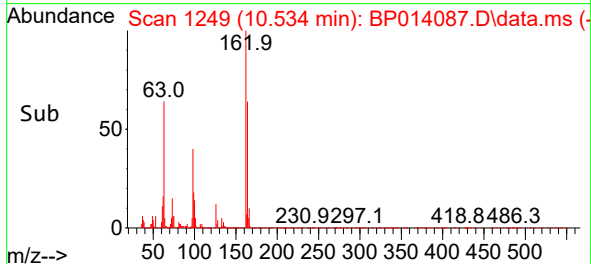
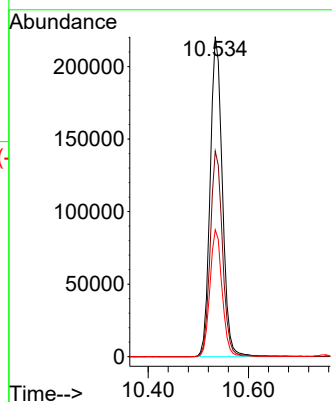
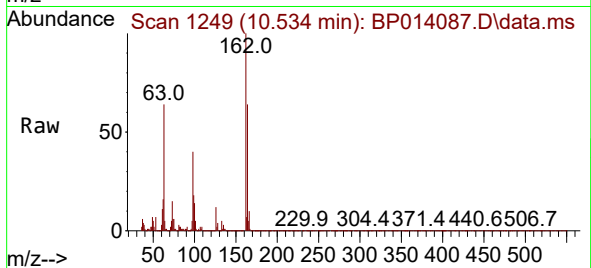




#29  
2,4-Dichlorophenol  
Concen: 43.446 ng  
RT: 10.534 min Scan# 1249  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

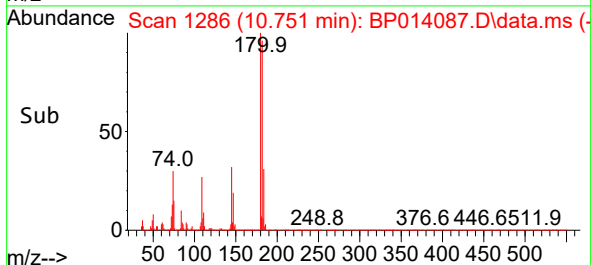
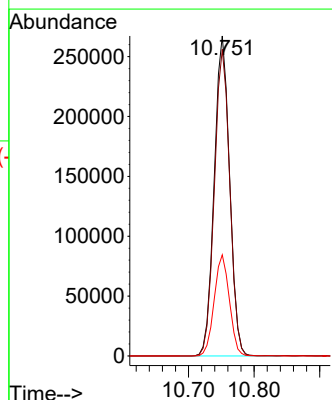
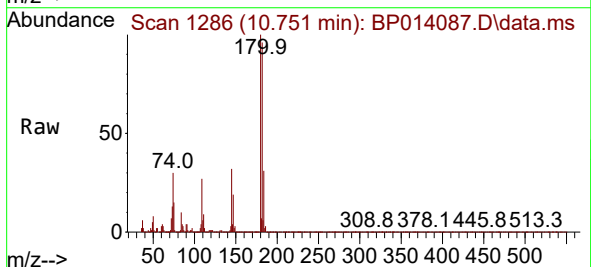
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

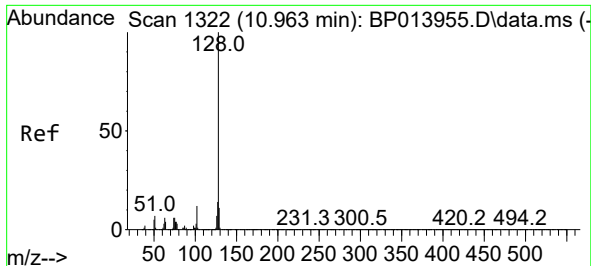
Tgt Ion:162 Resp: 373323  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.7 84.7  
98 39.7 17.0 57.0



#30  
1,2,4-Trichlorobenzene  
Concen: 44.580 ng  
RT: 10.751 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:180 Resp: 434896  
Ion Ratio Lower Upper  
180 100  
182 95.8 76.6 114.8  
145 31.6 23.5 35.3

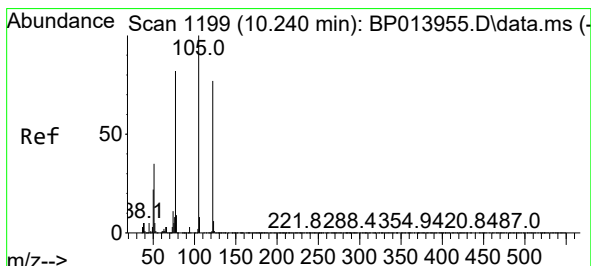
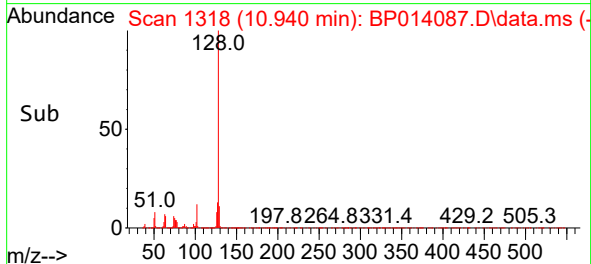
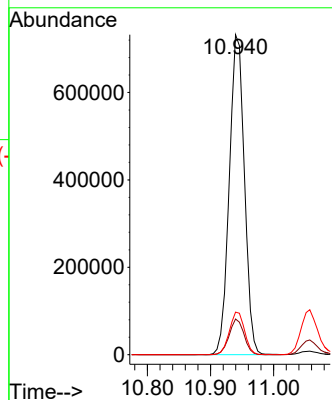
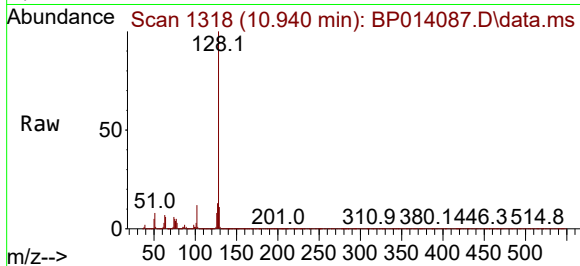




#31  
Naphthalene  
Concen: 44.689 ng  
RT: 10.940 min Scan# 1191  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

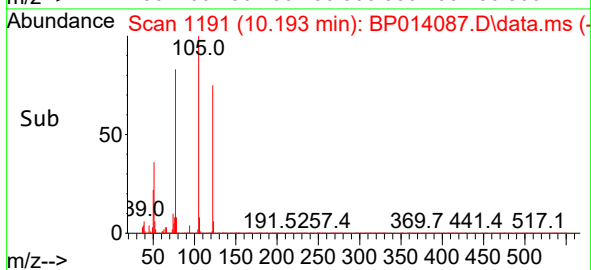
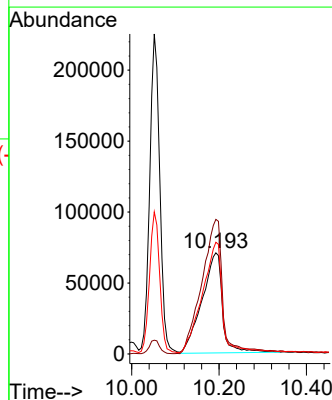
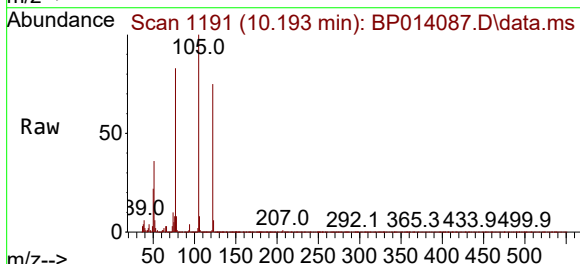
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

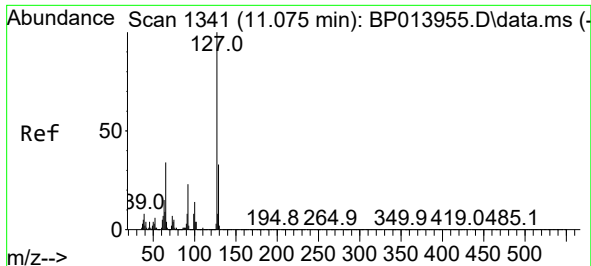
Tgt Ion:128 Resp: 1217452  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.3 11.2 16.8



#32  
Benzoic acid  
Concen: 36.015 ng  
RT: 10.193 min Scan# 1191  
Delta R.T. -0.018 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:122 Resp: 229632  
Ion Ratio Lower Upper  
122 100  
105 133.1 108.2 148.2  
77 110.5 85.2 125.2

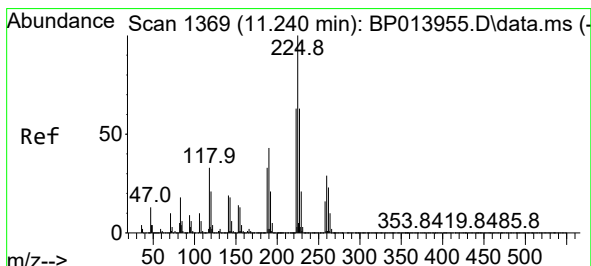
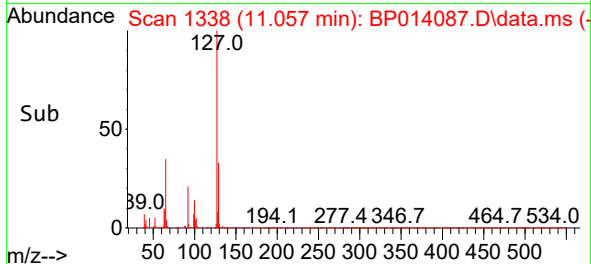
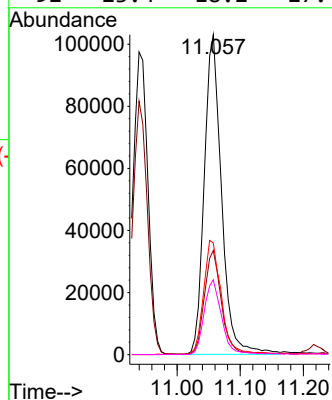
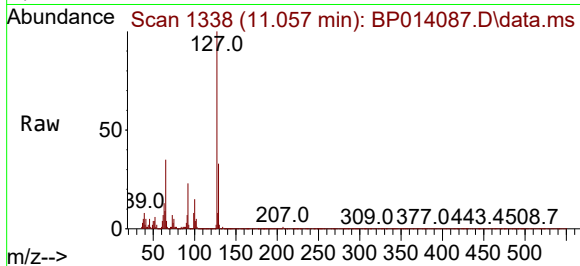




#33  
4-Chloroaniline  
Concen: 16.797 ng  
RT: 11.057 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

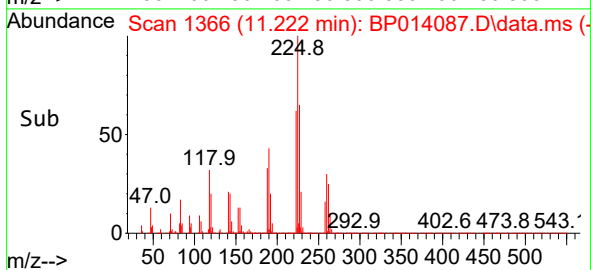
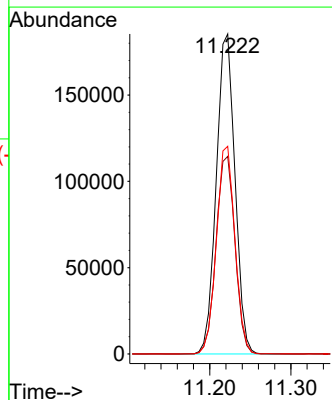
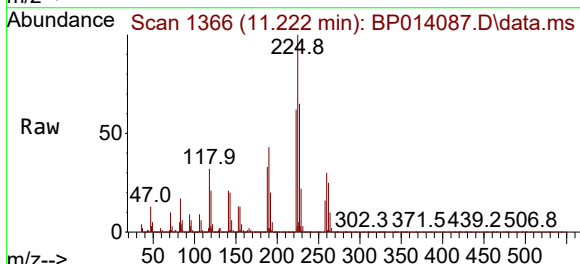
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BNA\_P  
ClientSampleId :  
PB151375BS

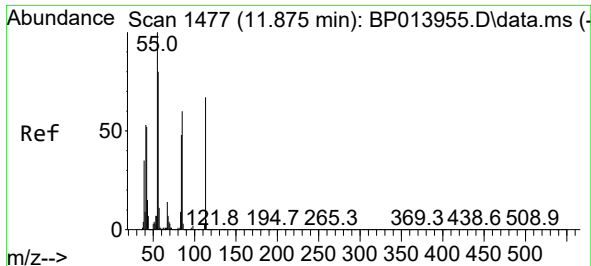
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 196160 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.2  | 39.2   |
| 65       | 34.9  | 27.0  | 40.4   |
| 92       | 23.4  | 18.2  | 27.4   |



#34  
Hexachlorobutadiene  
Concen: 41.803 ng  
RT: 11.222 min Scan# 1366  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 296490 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.8  | 50.6  | 76.0   |
| 227      | 64.9  | 50.2  | 75.4   |

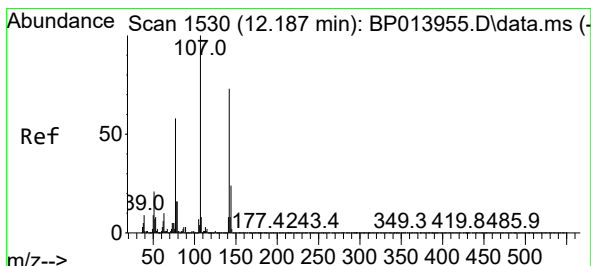
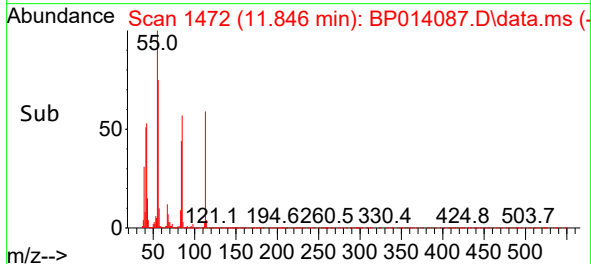
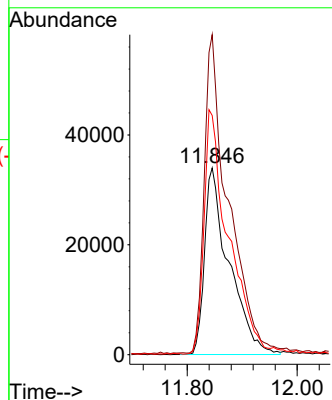
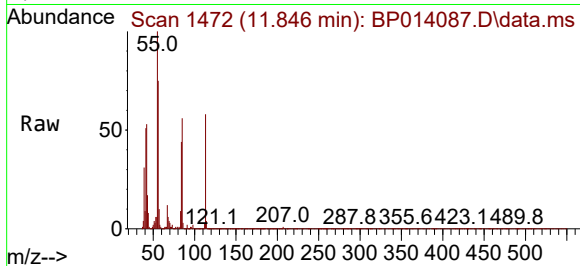




#35  
Caprolactam  
Concen: 42.698 ng  
RT: 11.846 min Scan# 1477  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

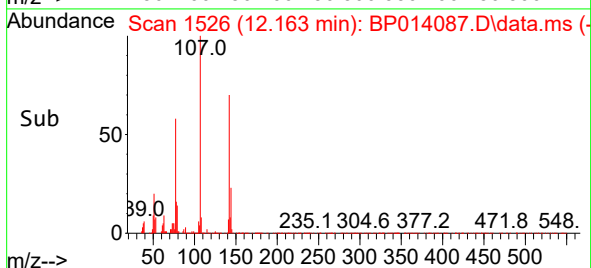
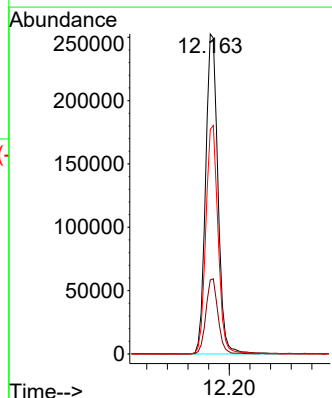
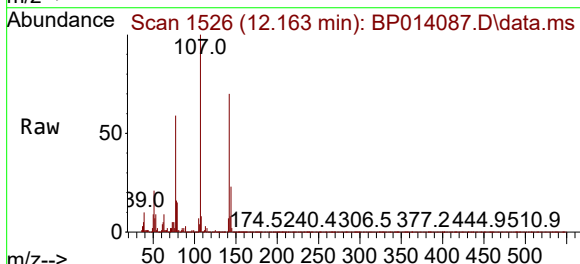
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

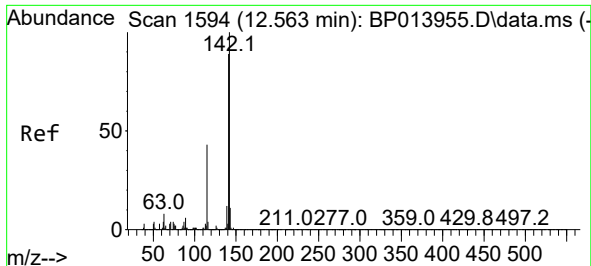
Tgt Ion:113 Resp: 105019  
Ion Ratio Lower Upper  
113 100  
55 171.3 128.9 168.9#  
56 128.1 99.6 139.6



#36  
4-Chloro-3-methylphenol  
Concen: 43.569 ng  
RT: 12.163 min Scan# 1526  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:107 Resp: 417536  
Ion Ratio Lower Upper  
107 100  
144 23.2 19.3 28.9  
142 70.2 58.5 87.7

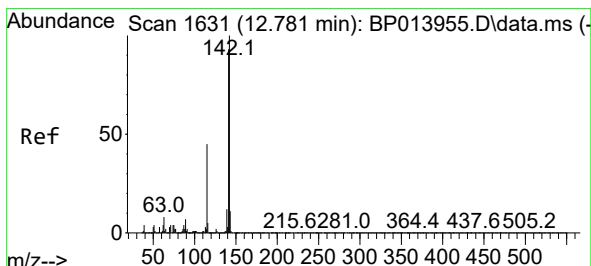
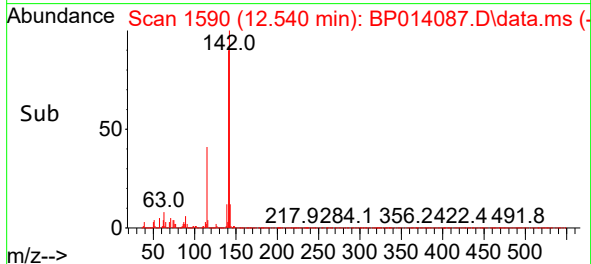
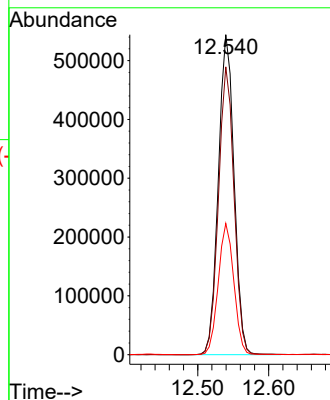
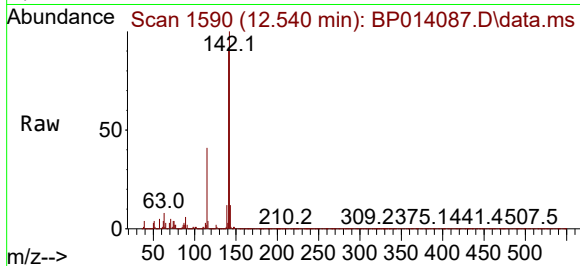




#37  
2-Methylnaphthalene  
Concen: 41.487 ng  
RT: 12.540 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

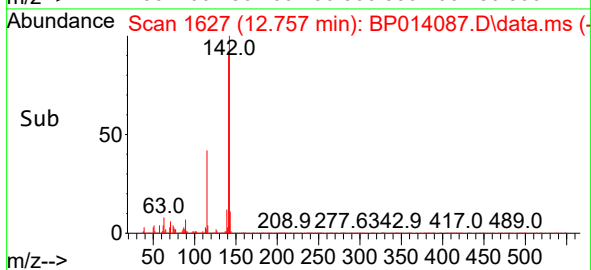
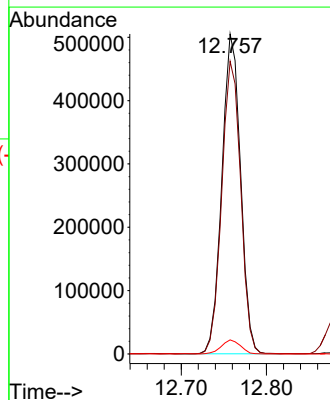
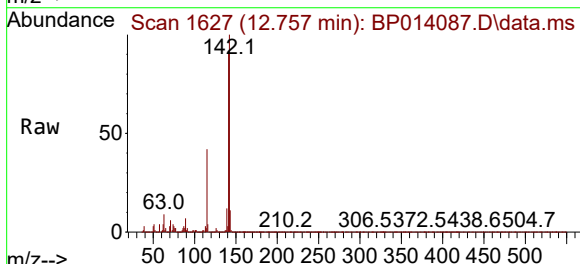
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

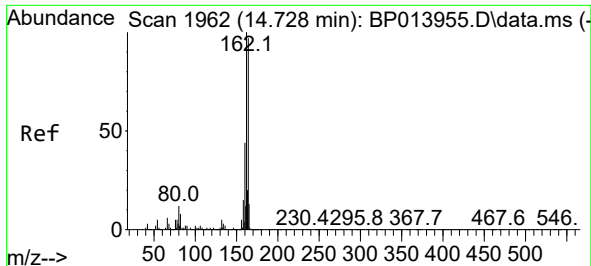
Tgt Ion:142 Resp: 833803  
Ion Ratio Lower Upper  
142 100  
141 89.9 71.0 106.4  
115 41.0 34.5 51.7



#38  
1-Methylnaphthalene  
Concen: 41.049 ng  
RT: 12.757 min Scan# 1627  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:142 Resp: 769031  
Ion Ratio Lower Upper  
142 100  
141 91.4 74.4 111.6  
116 4.4 3.6 5.4

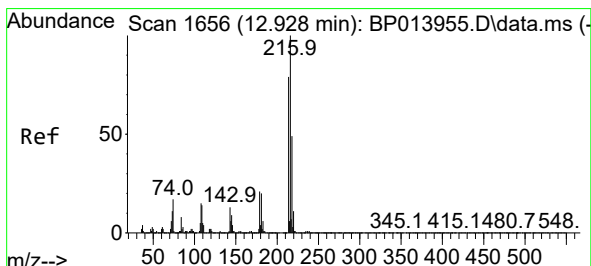
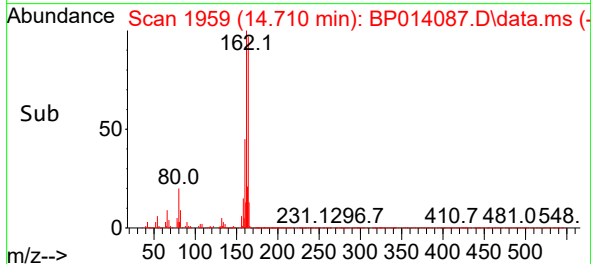
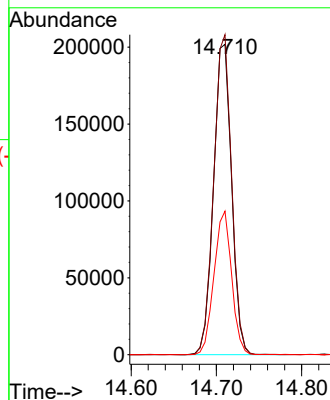
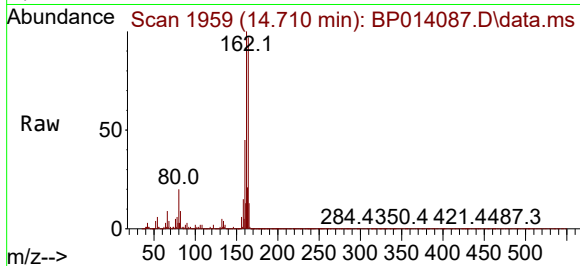




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.710 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

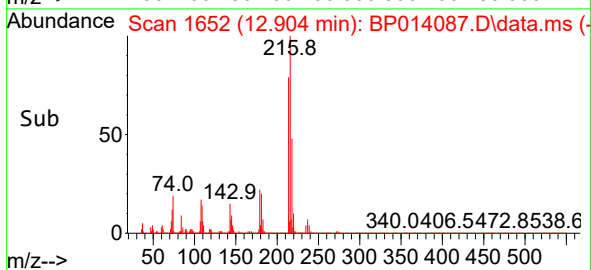
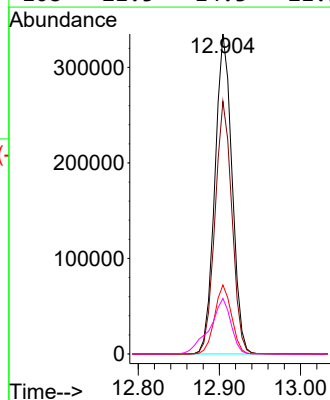
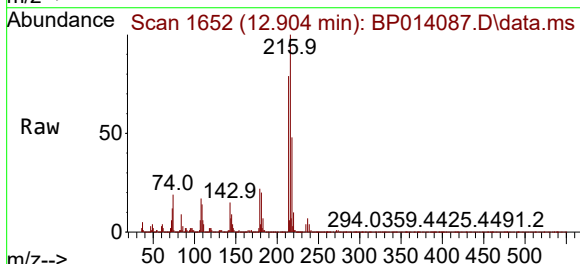
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

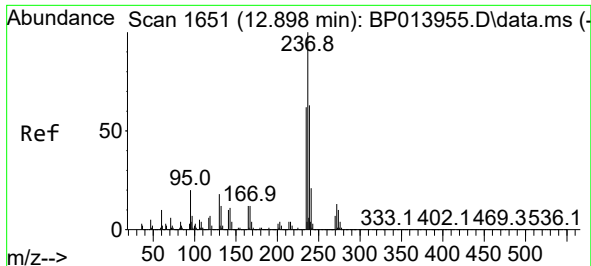
Tgt Ion:164 Resp: 296225  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.1 123.1  
160 46.3 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.567 ng  
RT: 12.904 min Scan# 1652  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:216 Resp: 491927  
Ion Ratio Lower Upper  
216 100  
214 77.9 62.2 93.2  
179 21.3 16.6 24.8  
108 21.5 14.3 21.5#

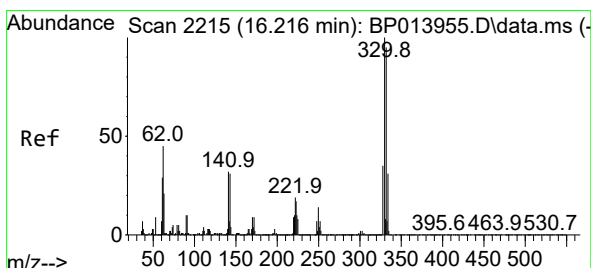
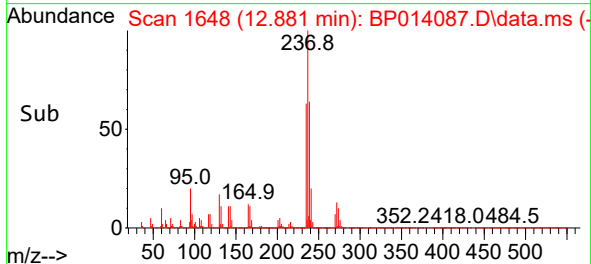
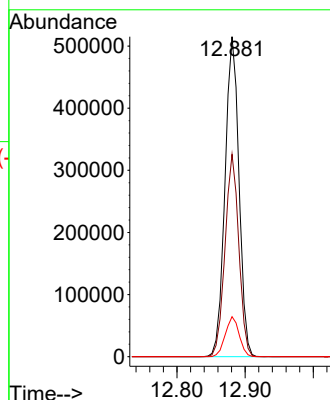
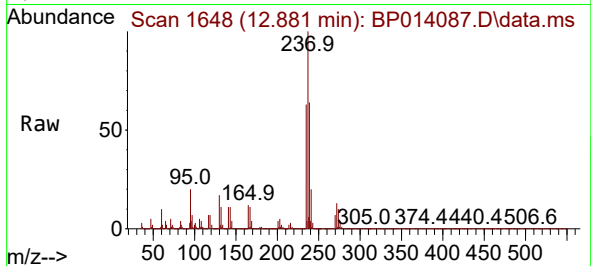




#41  
Hexachlorocyclopentadiene  
Concen: 103.536 ng  
RT: 12.881 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

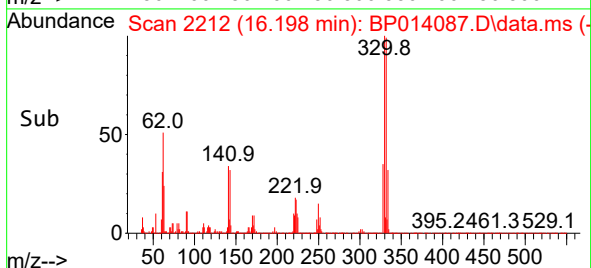
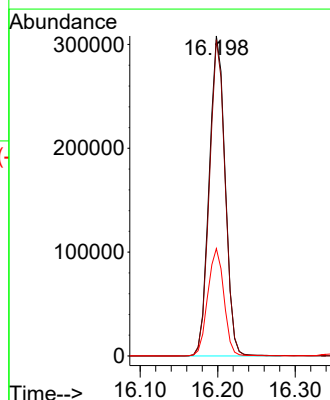
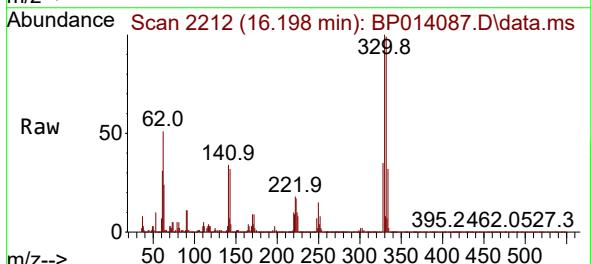
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

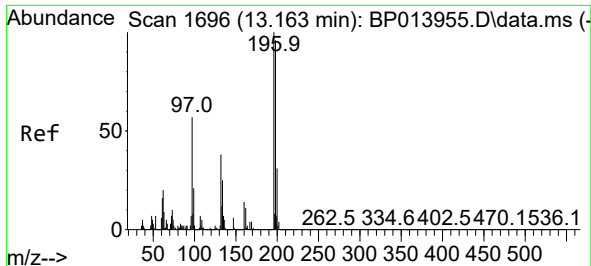
Tgt Ion:237 Resp: 733666  
Ion Ratio Lower Upper  
237 100  
235 63.3 41.9 81.9  
272 12.5 0.0 32.6



#42  
2,4,6-Tribromophenol  
Concen: 91.673 ng  
RT: 16.198 min Scan# 2212  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:330 Resp: 440292  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.1 115.7  
141 33.9 25.6 38.4

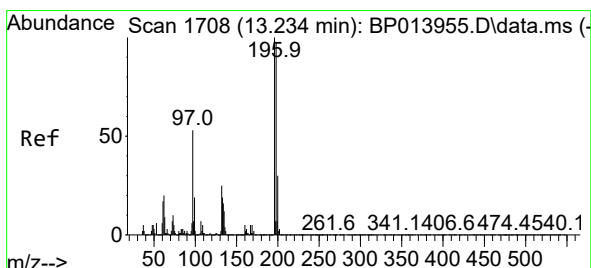
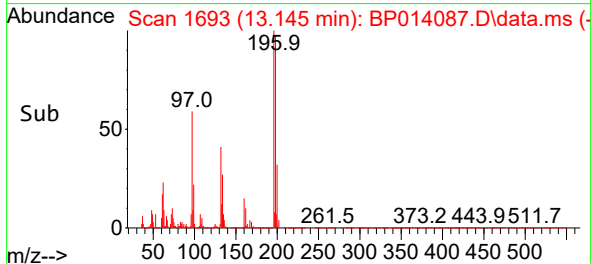
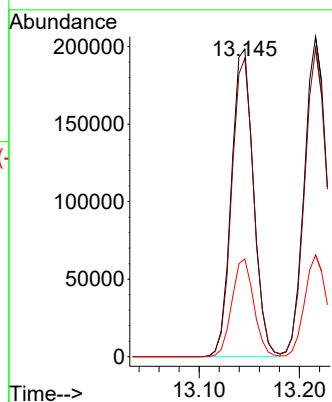
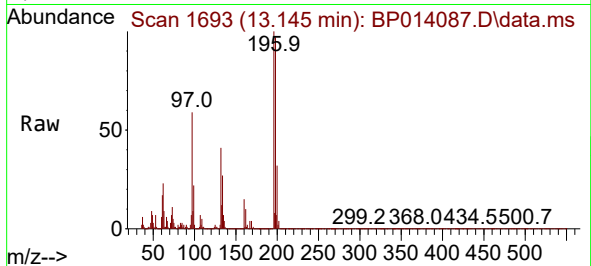




#43  
2,4,6-Trichlorophenol  
Concen: 42.557 ng  
RT: 13.145 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

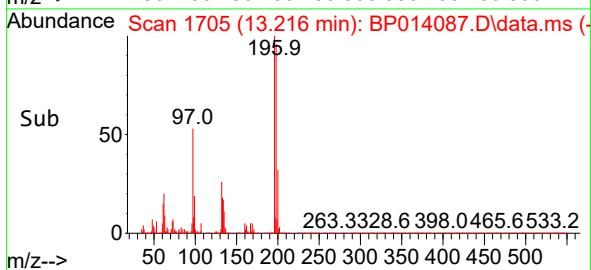
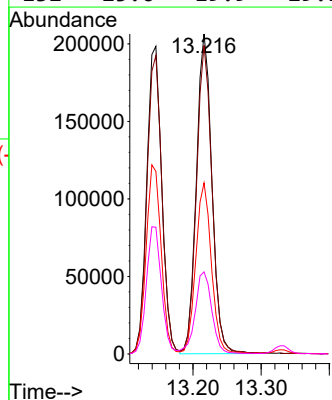
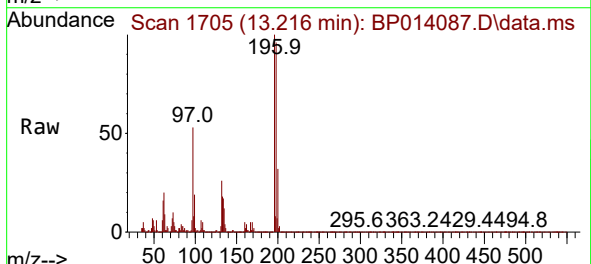
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

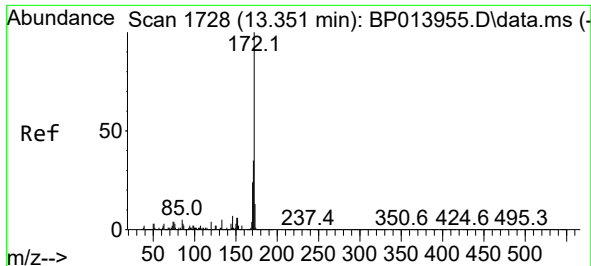
Tgt Ion:196 Resp: 303735  
Ion Ratio Lower Upper  
196 100  
198 97.0 76.7 115.1  
200 31.8 25.2 37.8



#44  
2,4,5-Trichlorophenol  
Concen: 39.619 ng  
RT: 13.216 min Scan# 1705  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:196 Resp: 327661  
Ion Ratio Lower Upper  
196 100  
198 96.5 77.5 116.3  
97 53.4 42.6 64.0  
132 25.6 19.9 29.9

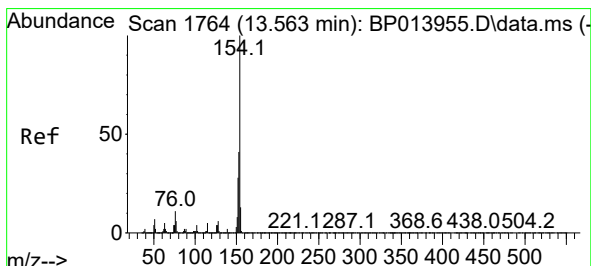
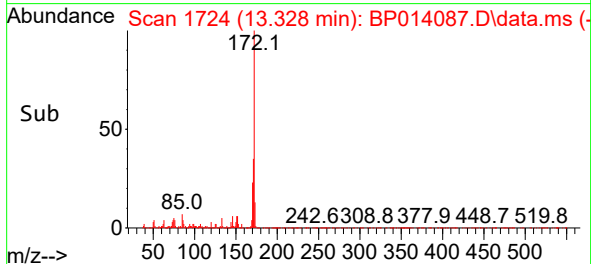
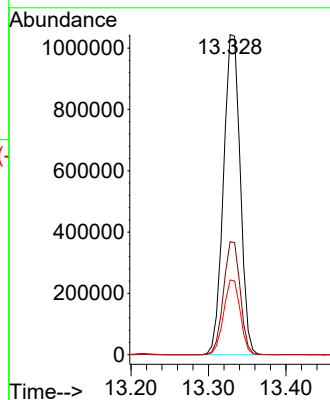
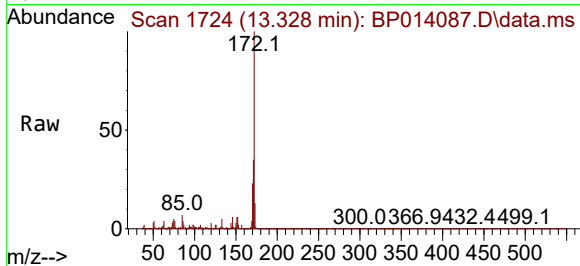




#45  
2-Fluorobiphenyl  
Concen: 68.495 ng  
RT: 13.328 min Scan# 1724  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

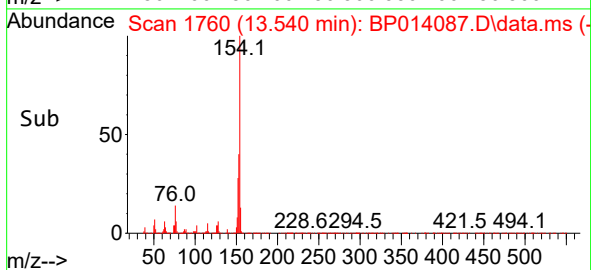
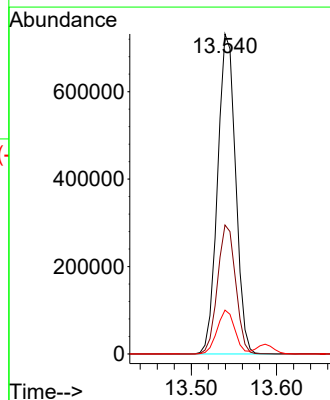
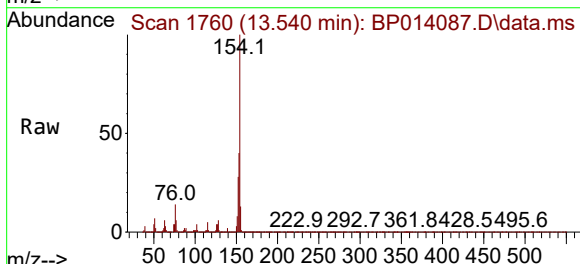
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

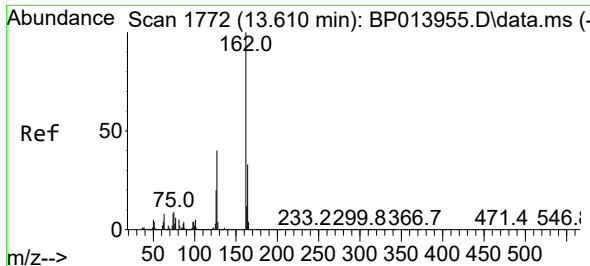
Tgt Ion:172 Resp: 1566089  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 23.3 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 45.154 ng  
RT: 13.540 min Scan# 1760  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:154 Resp: 1076636  
Ion Ratio Lower Upper  
154 100  
153 40.3 21.0 61.0  
76 13.7 0.0 31.0

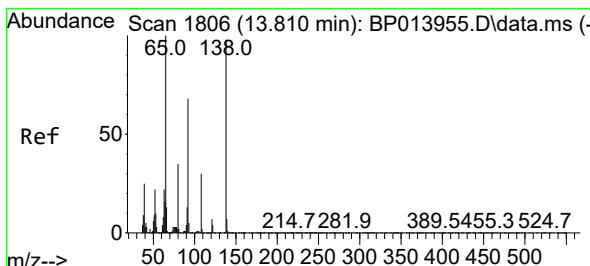
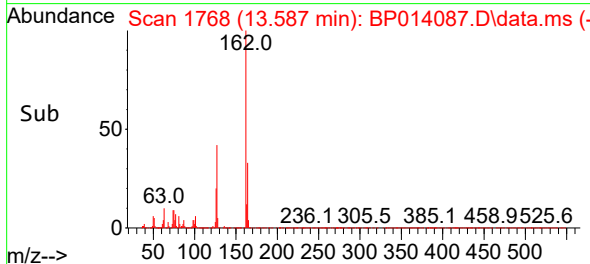
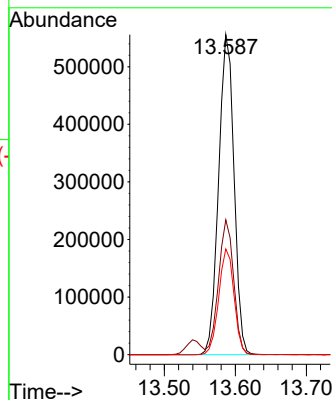
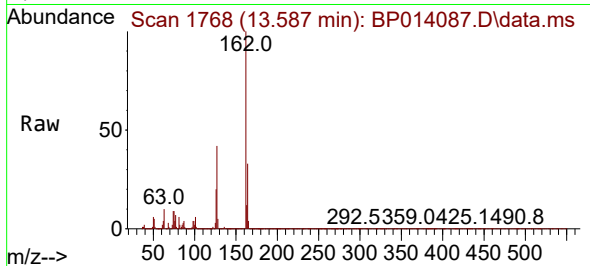




#47  
2-Chloronaphthalene  
Concen: 45.410 ng  
RT: 13.587 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

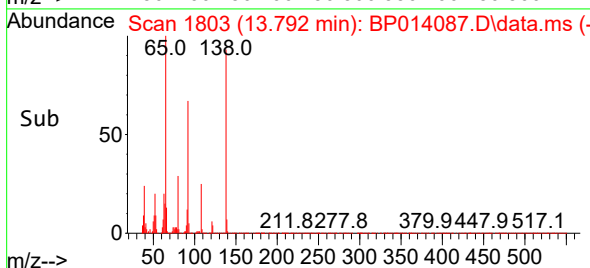
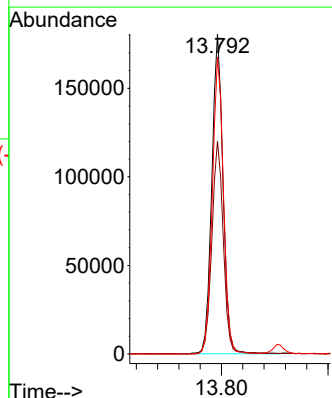
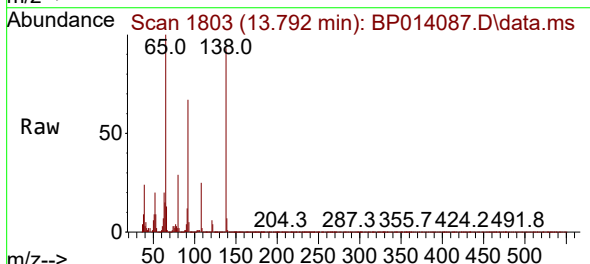
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

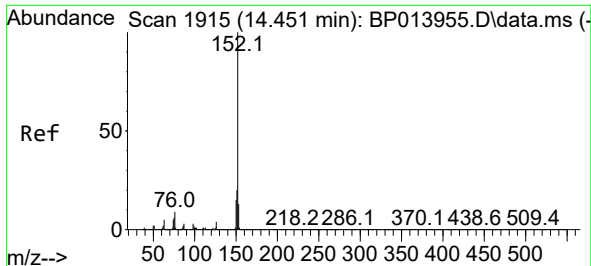
Tgt Ion:162 Resp: 833505  
Ion Ratio Lower Upper  
162 100  
127 42.2 32.5 48.7  
164 33.0 26.3 39.5



#48  
2-Nitroaniline  
Concen: 47.285 ng  
RT: 13.792 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 65 Resp: 263405  
Ion Ratio Lower Upper  
65 100  
92 66.6 54.4 81.6  
138 92.7 78.0 117.0

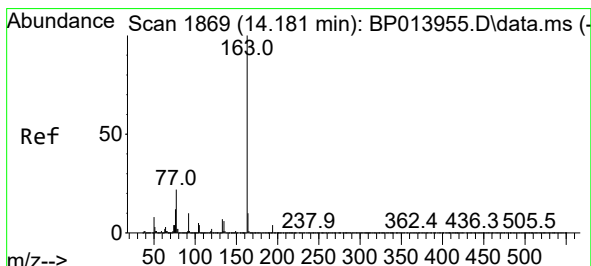
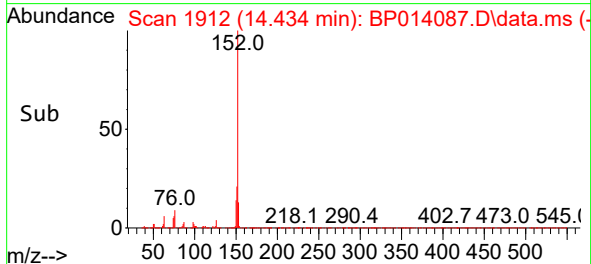
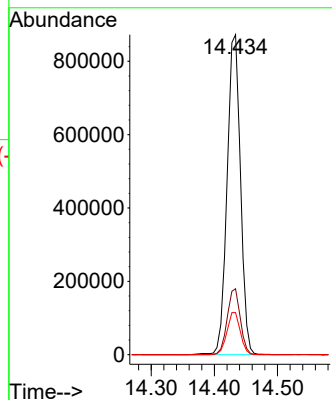
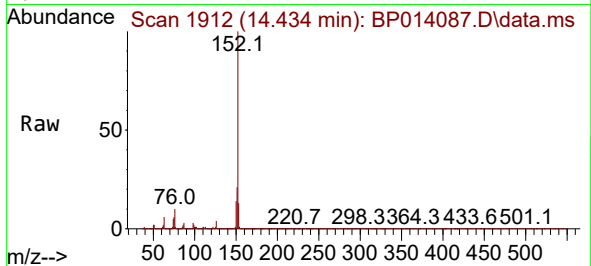




#49  
Acenaphthylene  
Concen: 43.948 ng  
RT: 14.434 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

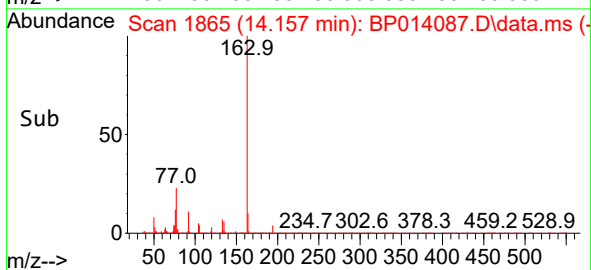
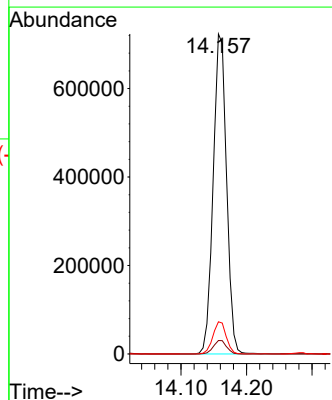
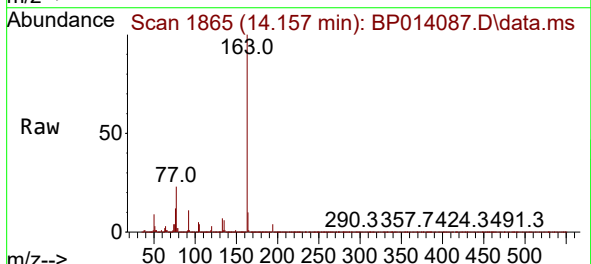
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

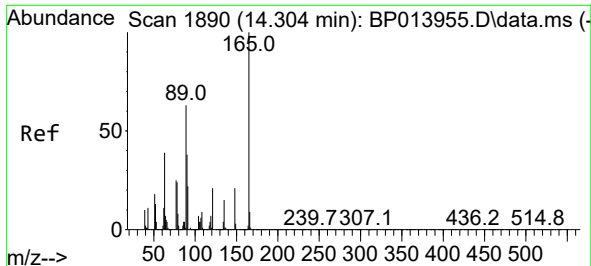
Tgt Ion:152 Resp: 1282841  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 13.2 10.4 15.6



#50  
Dimethylphthalate  
Concen: 41.861 ng  
RT: 14.157 min Scan# 1865  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:163 Resp: 1022992  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.1 8.1 12.1

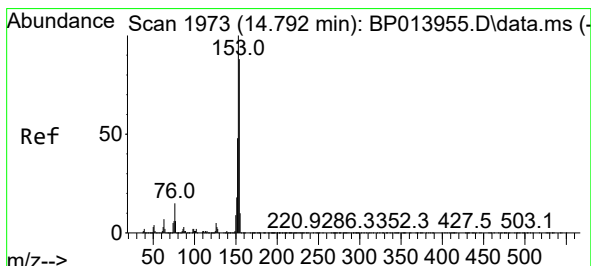
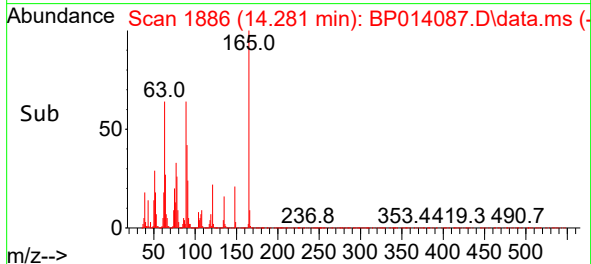
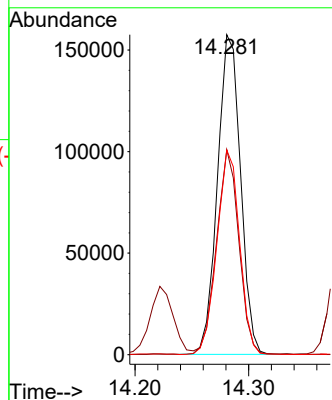
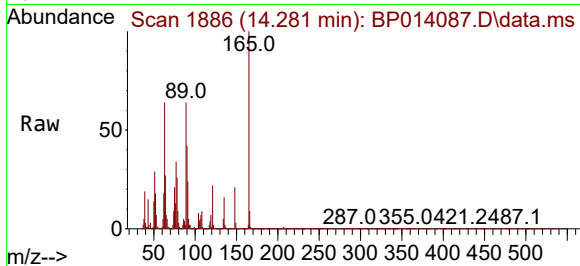




#51  
2,6-Dinitrotoluene  
Concen: 43.148 ng  
RT: 14.281 min Scan# 1890  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

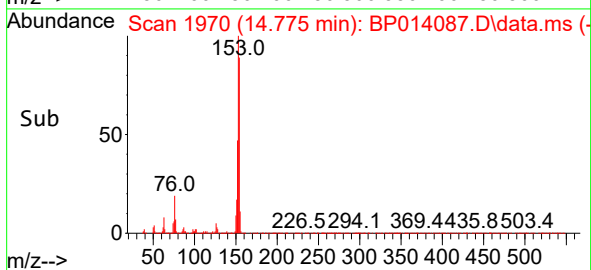
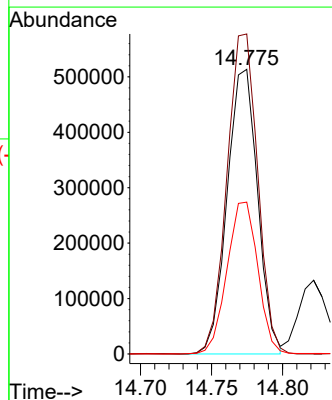
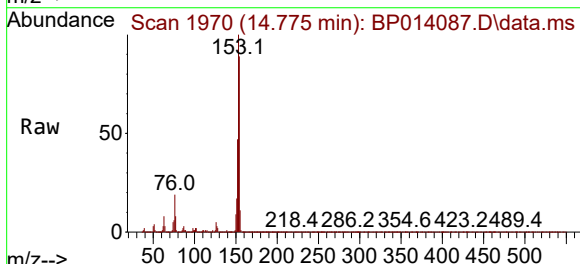
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

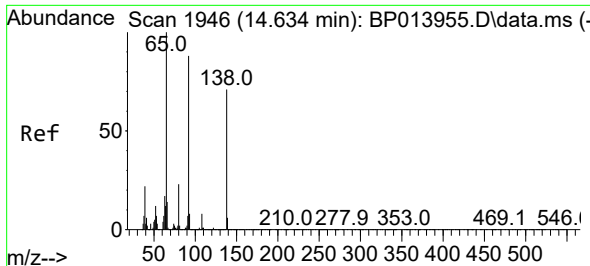
Tgt Ion:165 Resp: 222056  
Ion Ratio Lower Upper  
165 100  
63 64.0 46.7 70.1  
89 63.9 50.8 76.2



#52  
Acenaphthene  
Concen: 43.632 ng  
RT: 14.775 min Scan# 1970  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:154 Resp: 766683  
Ion Ratio Lower Upper  
154 100  
153 112.4 91.3 136.9  
152 53.4 43.4 65.0

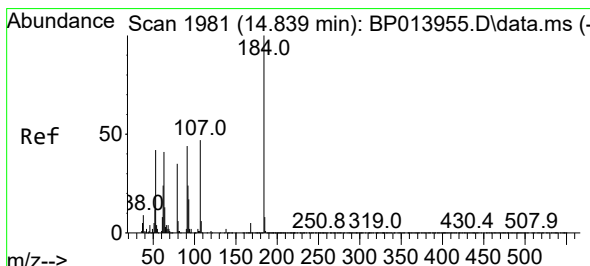
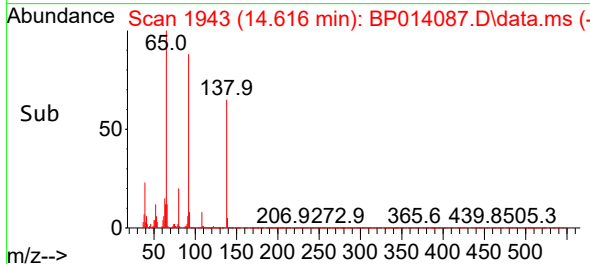
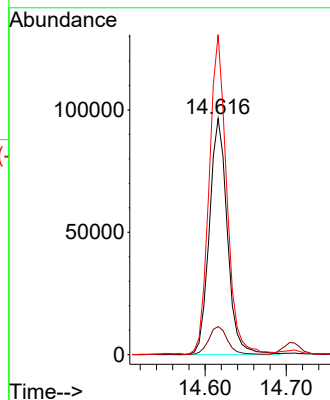
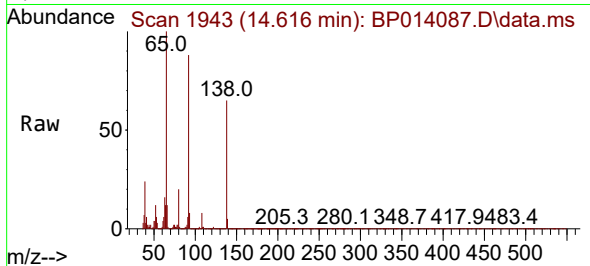




#53  
3-Nitroaniline  
Concen: 29.431 ng  
RT: 14.616 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

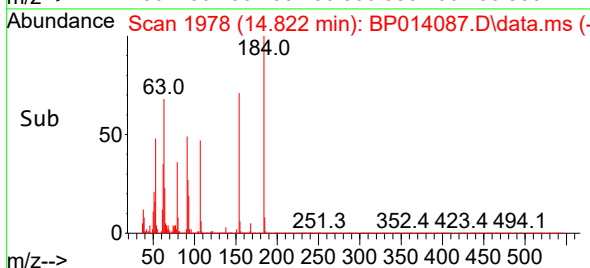
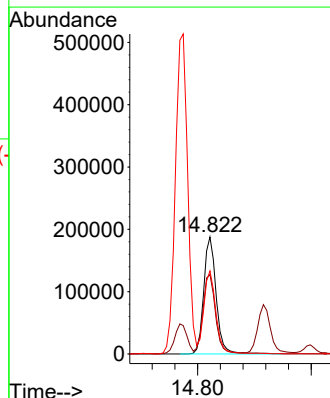
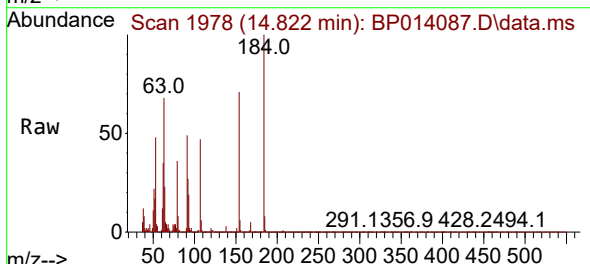
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

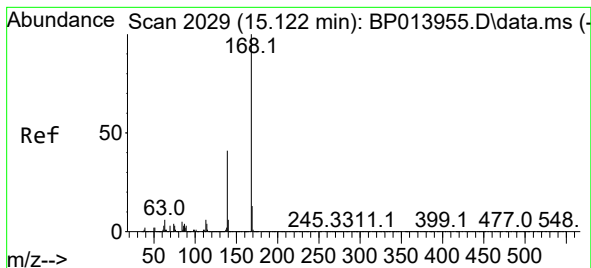
Tgt Ion:138 Resp: 148438  
Ion Ratio Lower Upper  
138 100  
108 11.9 9.5 14.3  
92 135.5 99.2 148.8



#54  
2,4-Dinitrophenol  
Concen: 74.800 ng  
RT: 14.822 min Scan# 1978  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:184 Resp: 284630  
Ion Ratio Lower Upper  
184 100  
63 67.8 52.4 78.6  
154 70.9 59.4 89.2





#55

Dibenzofuran

Concen: 43.323 ng

RT: 15.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

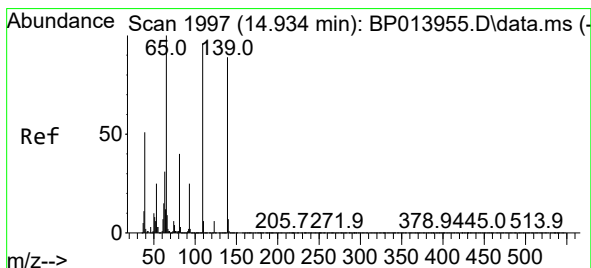
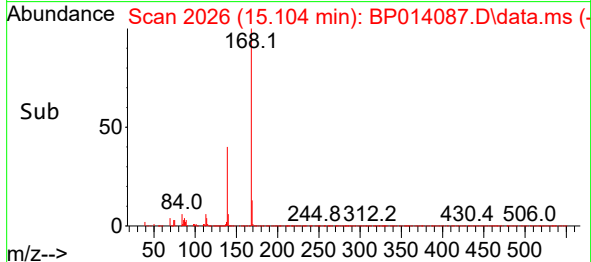
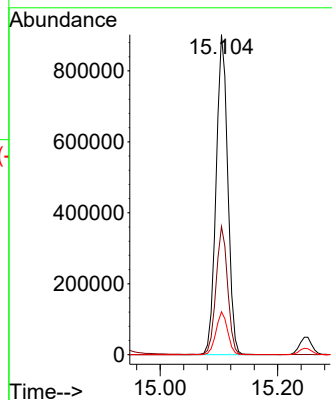
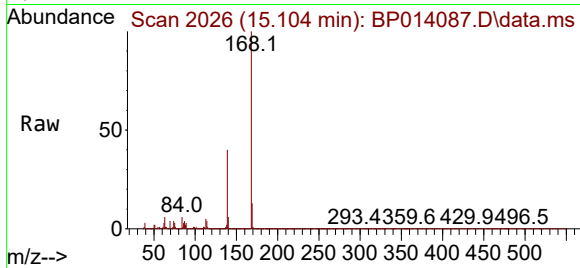
Tgt Ion:168 Resp: 1241038

Ion Ratio Lower Upper

168 100

139 40.0 32.9 49.3

169 13.4 10.6 15.8



#56

4-Nitrophenol

Concen: 87.163 ng

RT: 14.916 min Scan# 1994

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

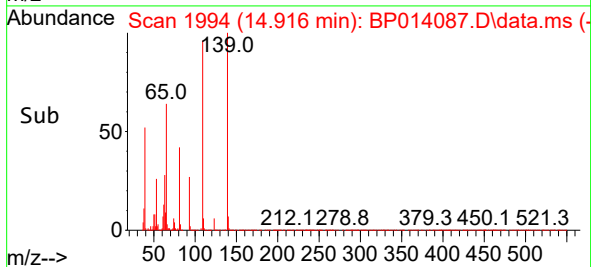
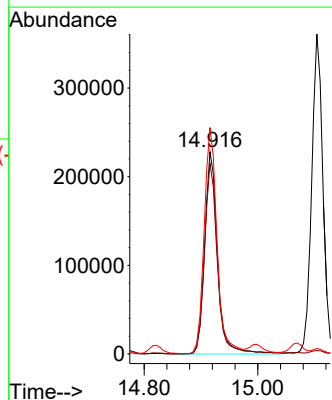
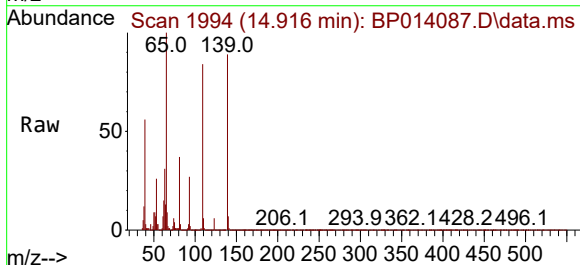
Tgt Ion:139 Resp: 357980

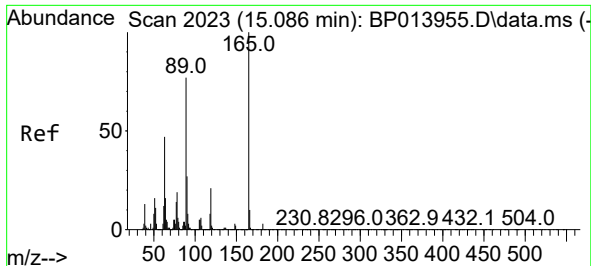
Ion Ratio Lower Upper

139 100

109 94.3 87.0 127.0

65 112.0 92.1 132.1

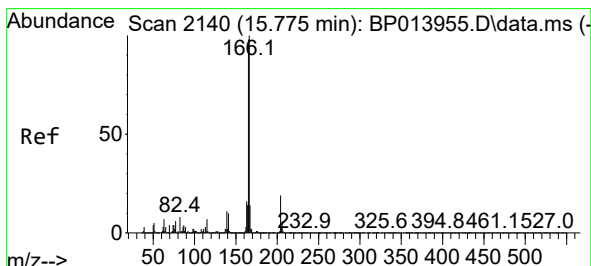
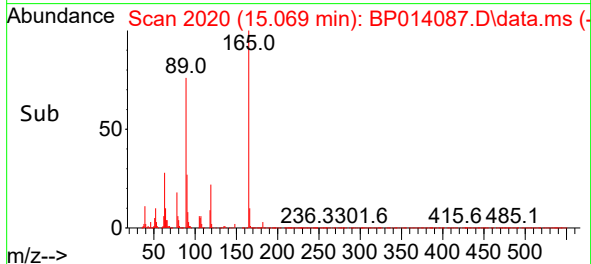
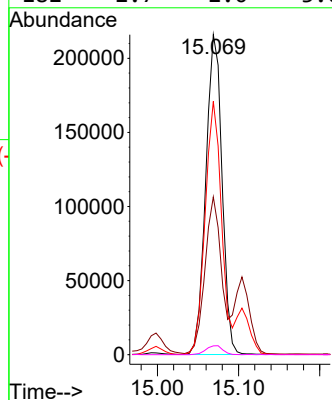
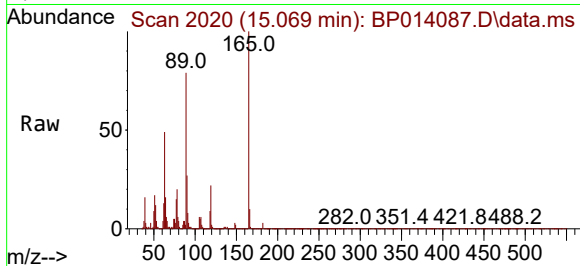




#57  
2,4-Dinitrotoluene  
Concen: 43.514 ng  
RT: 15.069 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

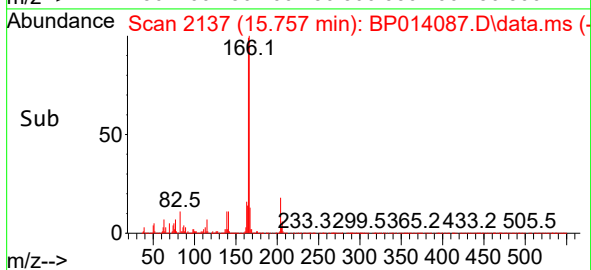
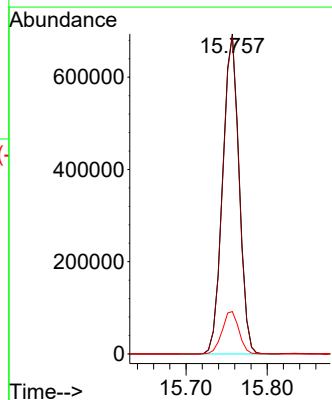
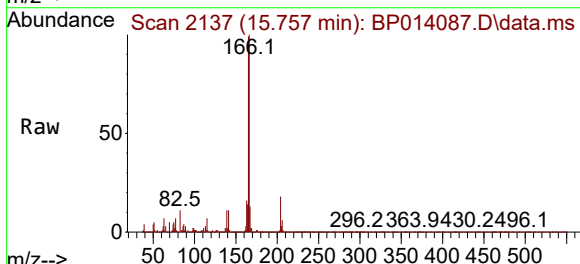
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

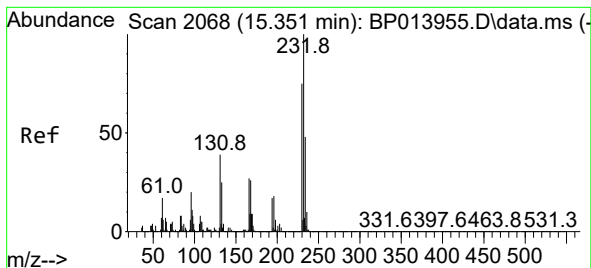
Tgt Ion:165 Resp: 299349  
Ion Ratio Lower Upper  
165 100  
63 49.3 37.5 56.3  
89 79.2 61.8 92.8  
182 2.7 2.0 3.0



#58  
Fluorene  
Concen: 43.050 ng  
RT: 15.757 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:166 Resp: 979225  
Ion Ratio Lower Upper  
166 100  
165 99.4 78.1 117.1  
167 13.2 10.8 16.2



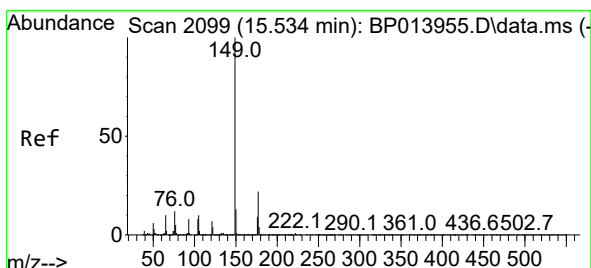
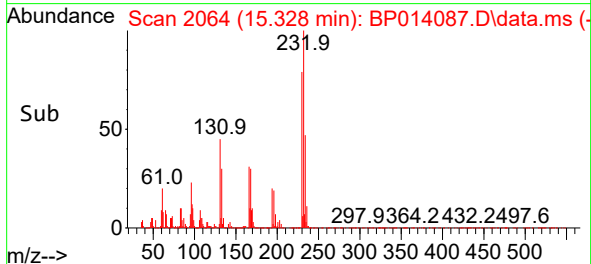
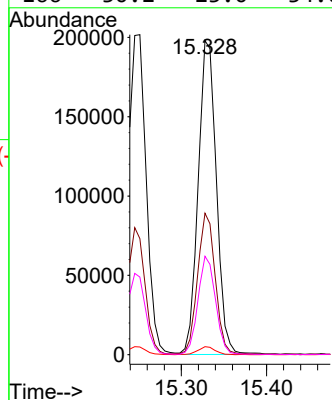
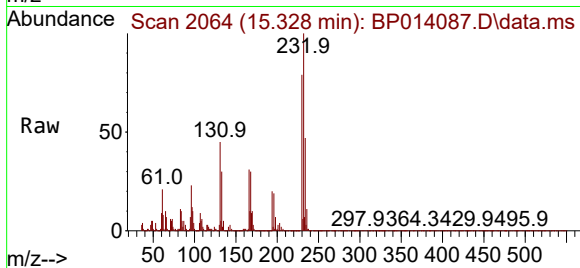


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.635 ng  
RT: 15.328 min Scan# 2064  
Delta R.T. -0.012 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

Tgt Ion:232 Resp: 293181

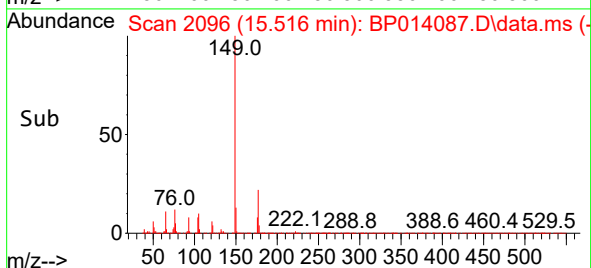
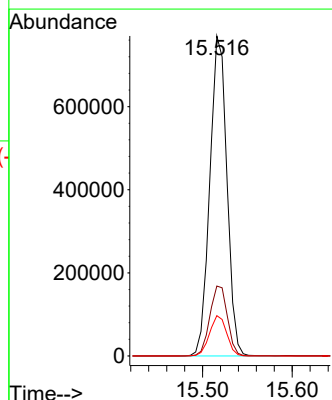
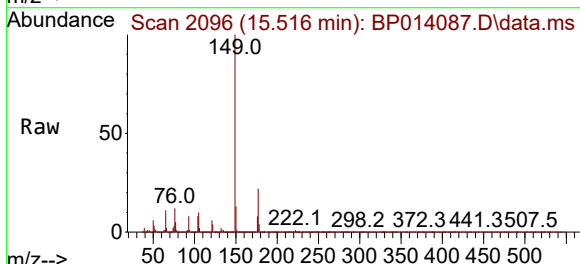
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 44.4  | 32.5  | 48.7  |
| 130 | 2.4   | 1.9   | 2.9   |
| 166 | 30.2  | 23.0  | 34.6  |

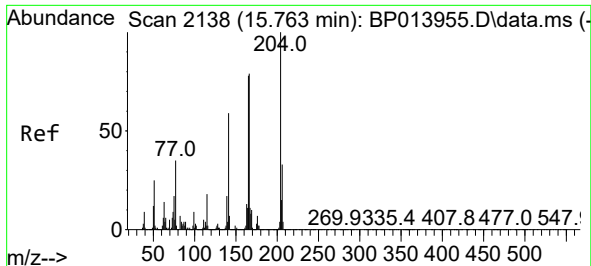


#60  
Diethylphthalate  
Concen: 42.167 ng  
RT: 15.516 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:149 Resp: 1017437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 21.8  | 18.0  | 27.0  |
| 150 | 12.6  | 10.3  | 15.5  |

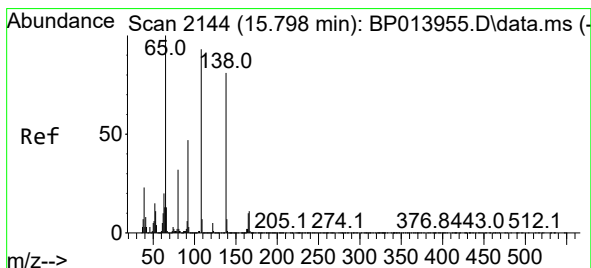
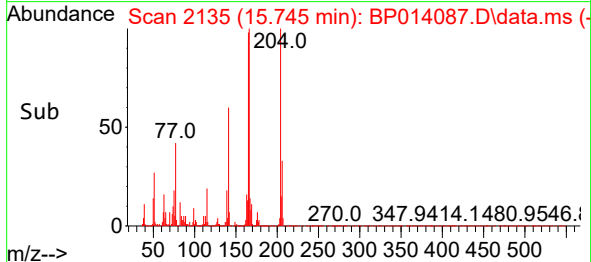
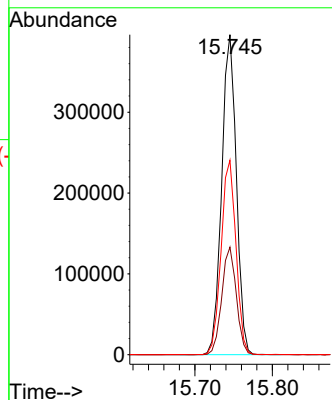
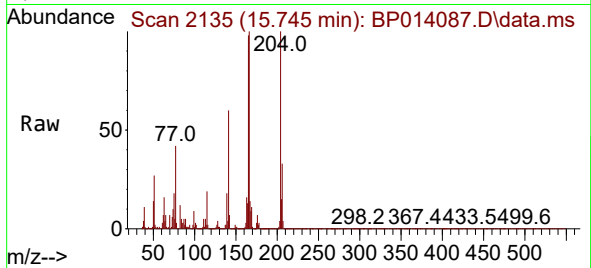




#61  
4-Chlorophenyl-phenylether  
Concen: 40.402 ng  
RT: 15.745 min Scan# 2135  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

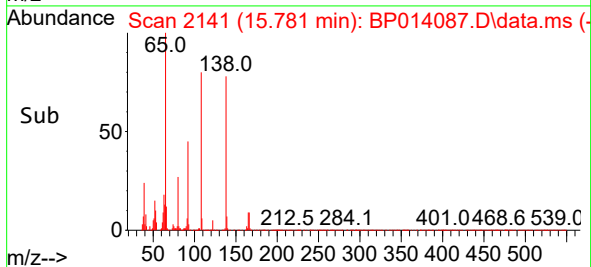
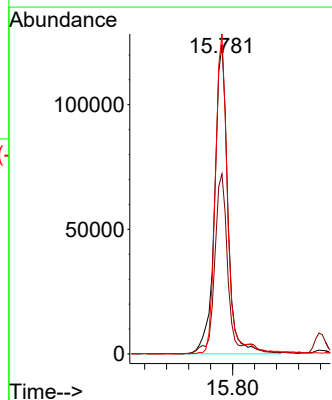
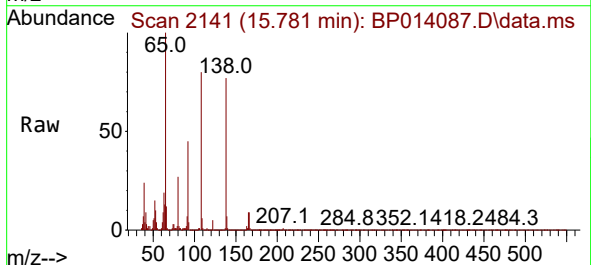
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

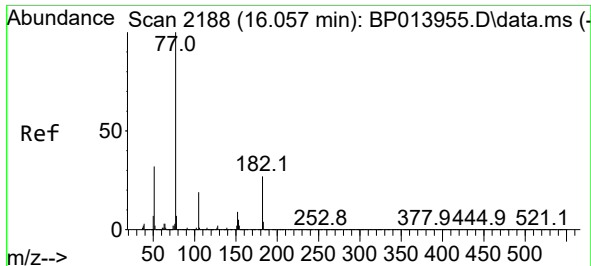
Tgt Ion:204 Resp: 520959  
Ion Ratio Lower Upper  
204 100  
206 33.6 26.2 39.4  
141 60.8 46.9 70.3



#62  
4-Nitroaniline  
Concen: 41.642 ng  
RT: 15.781 min Scan# 2141  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:138 Resp: 209127  
Ion Ratio Lower Upper  
138 100  
92 58.2 37.9 77.9  
108 103.5 94.9 134.9



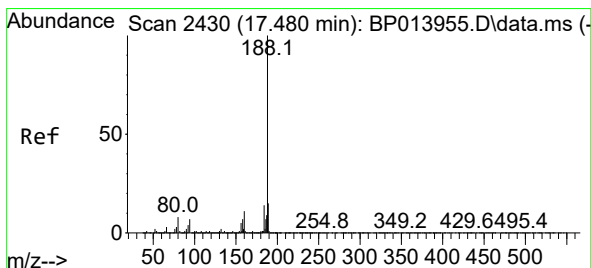
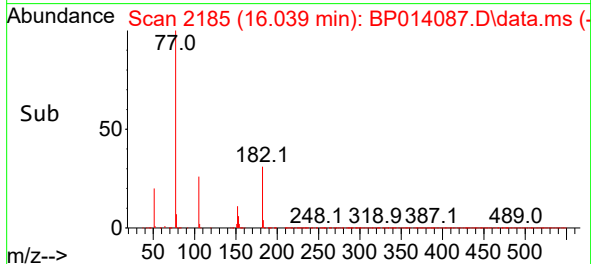
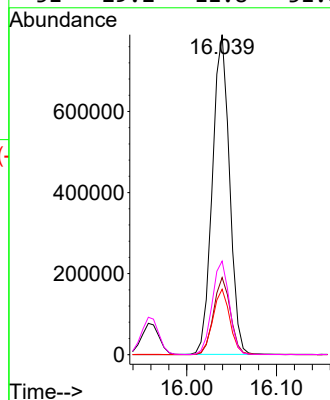
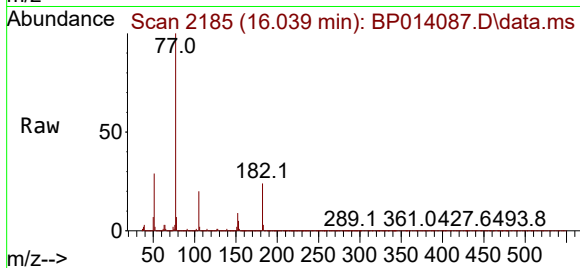


#63  
Azobenzene  
Concen: 46.835 ng  
RT: 16.039 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

Tgt Ion: 77 Resp: 1045700

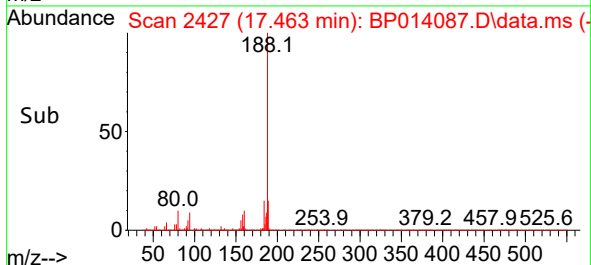
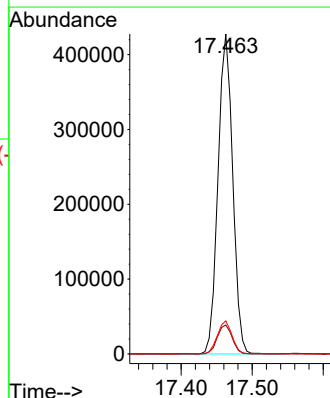
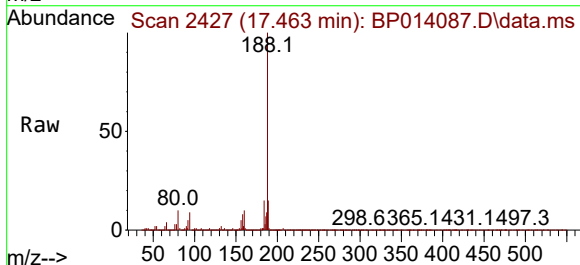
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 24.1  | 6.9   | 46.9  |
| 105 | 20.5  | 0.0   | 39.4  |
| 51  | 29.2  | 11.8  | 51.8  |

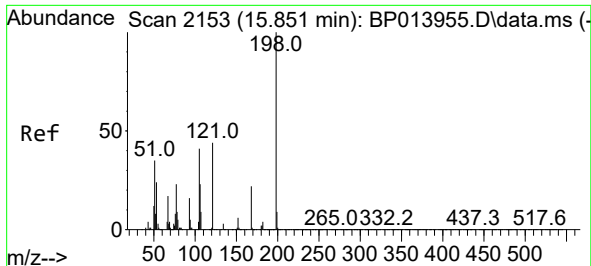


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.463 min Scan# 2427  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion: 188 Resp: 612380

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.0   | 5.8   | 8.6#  |
| 80  | 10.3  | 6.6   | 9.8#  |

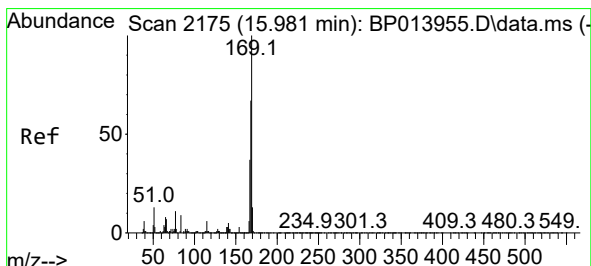
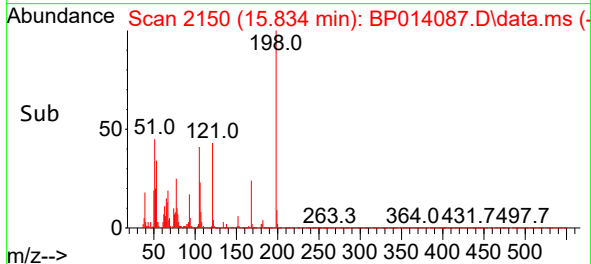
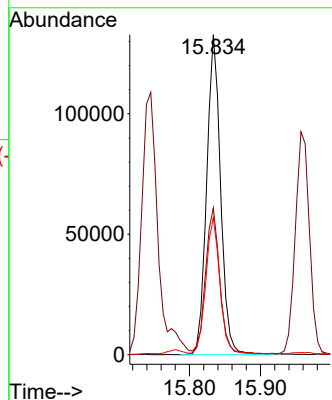
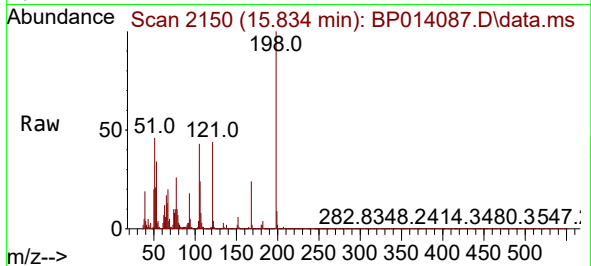




#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.003 ng  
RT: 15.834 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

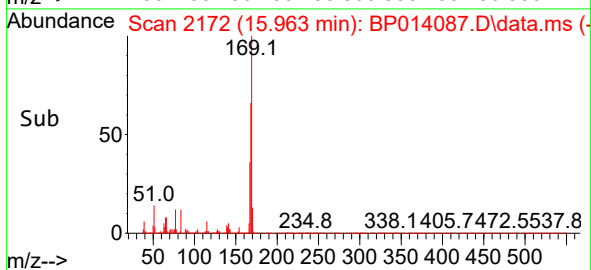
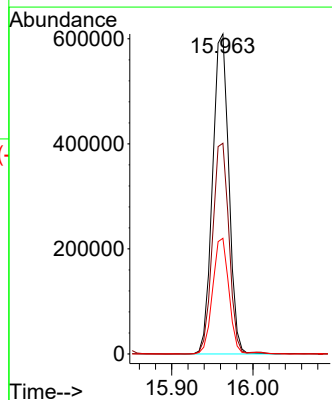
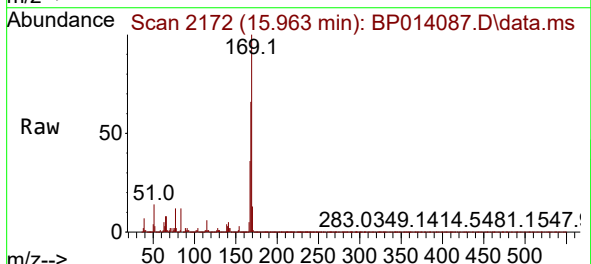
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

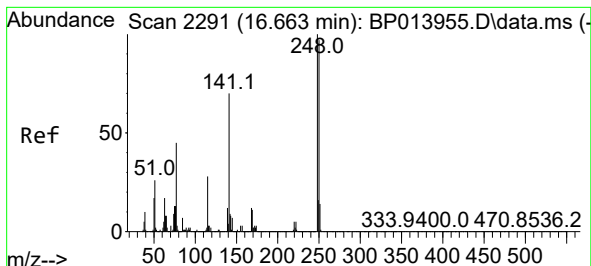
Tgt Ion:198 Resp: 181450  
Ion Ratio Lower Upper  
198 100  
51 45.9 22.1 62.1  
105 42.8 21.5 61.5



#66  
n-Nitrosodiphenylamine  
Concen: 43.724 ng  
RT: 15.963 min Scan# 2172  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:169 Resp: 846086  
Ion Ratio Lower Upper  
169 100  
168 65.8 54.0 81.0  
167 36.2 29.4 44.2

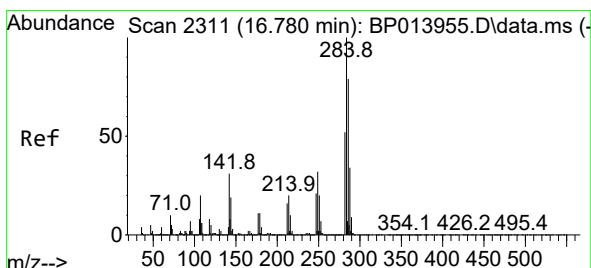
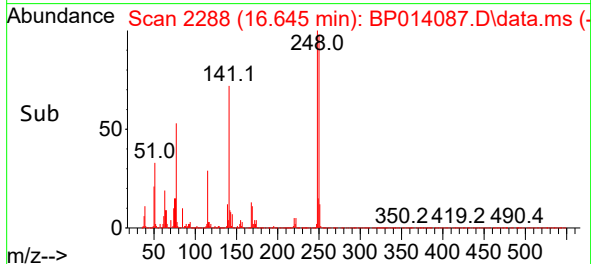
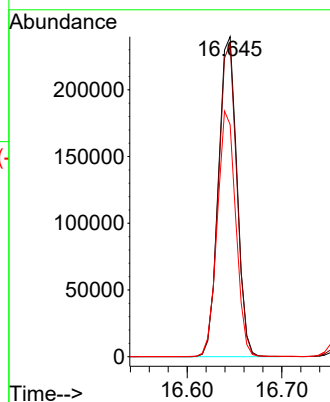
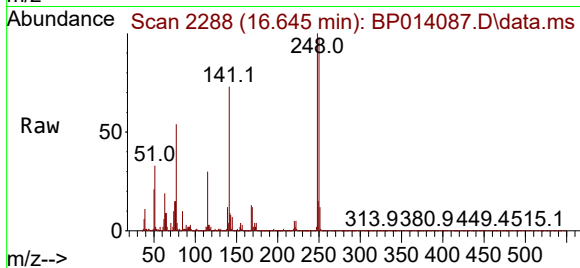




#67  
4-Bromophenyl-phenylether  
Concen: 40.253 ng  
RT: 16.645 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

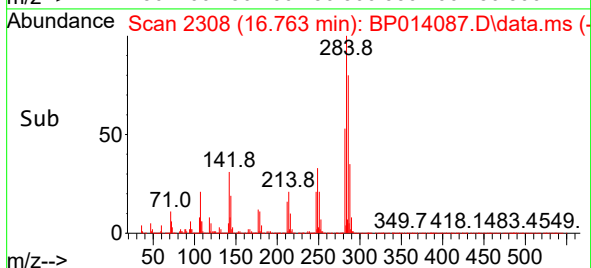
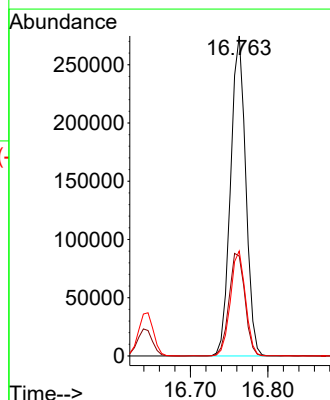
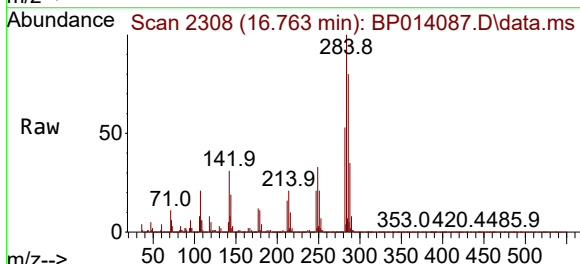
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

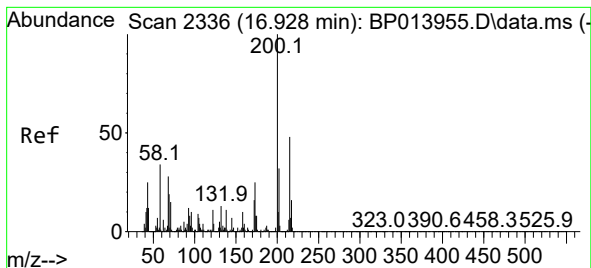
Tgt Ion:248 Resp: 326061  
Ion Ratio Lower Upper  
248 100  
250 97.9 77.9 116.9  
141 72.6 56.0 84.0



#68  
Hexachlorobenzene  
Concen: 43.147 ng  
RT: 16.763 min Scan# 2308  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:284 Resp: 374623  
Ion Ratio Lower Upper  
284 100  
142 31.2 24.8 37.2  
249 32.8 25.7 38.5





#69

Atrazine

Concen: 46.406 ng

RT: 16.910 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

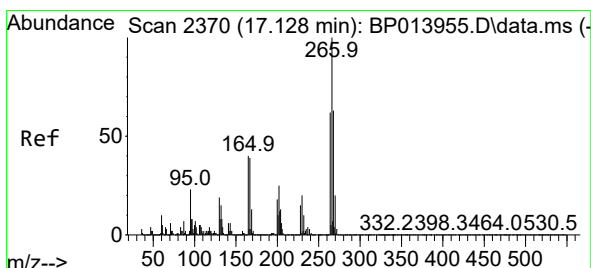
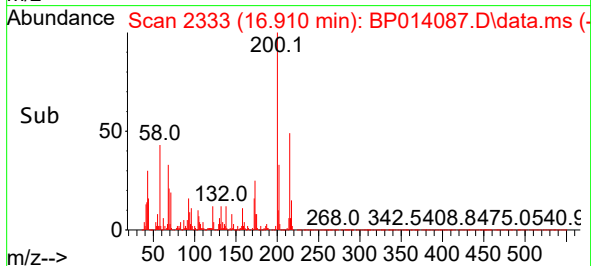
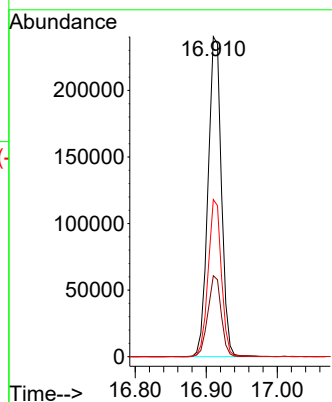
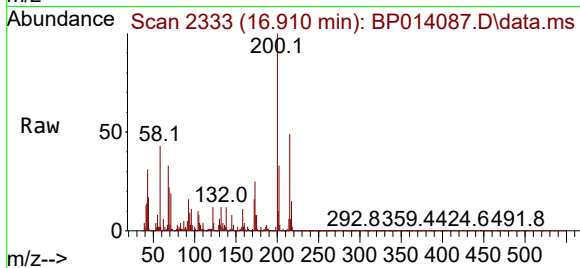
Tgt Ion:200 Resp: 315276

Ion Ratio Lower Upper

200 100

173 25.3 5.5 45.5

215 49.1 27.9 67.9



#70

Pentachlorophenol

Concen: 75.775 ng

RT: 17.110 min Scan# 2367

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

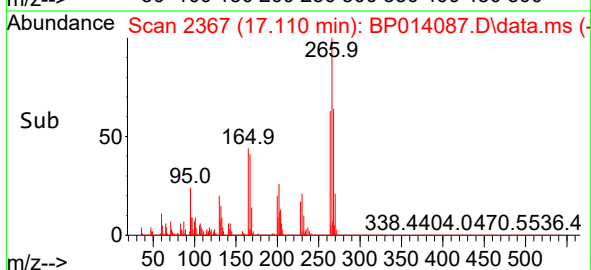
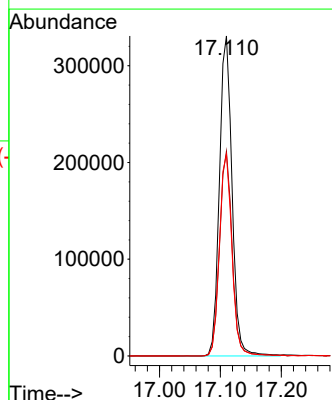
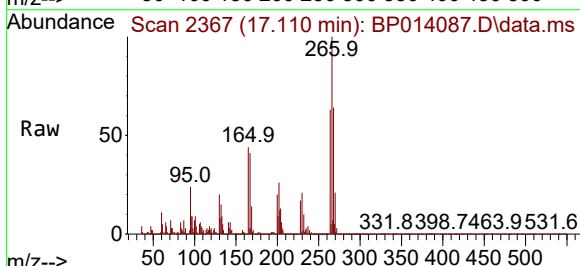
Tgt Ion:266 Resp: 474491

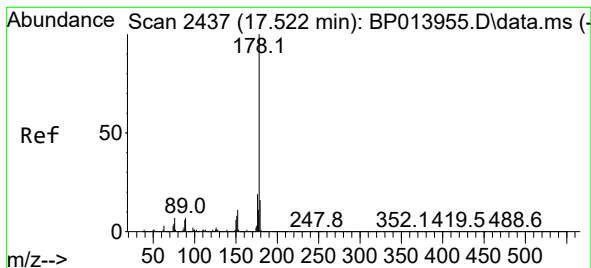
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.1 49.2 73.8





#71

Phenanthrene

Concen: 43.832 ng

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

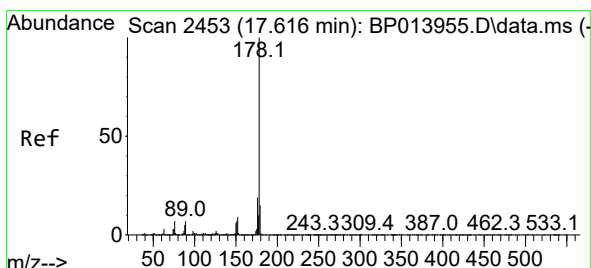
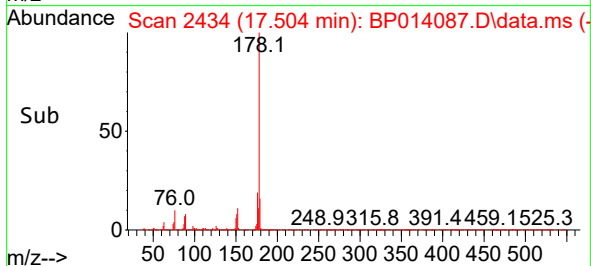
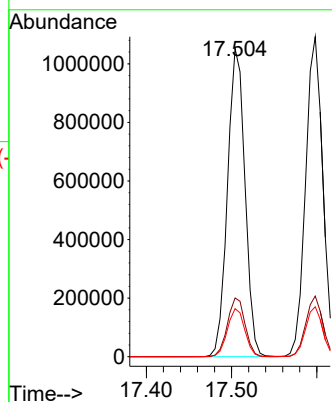
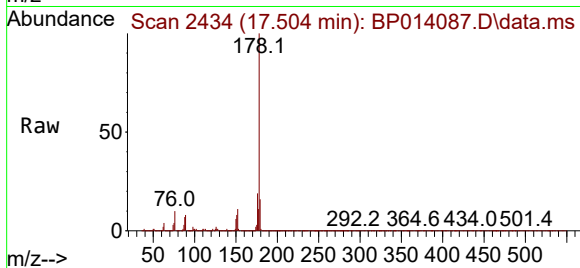
Tgt Ion:178 Resp: 1499511

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.6 19.0



#72

Anthracene

Concen: 43.943 ng

RT: 17.598 min Scan# 2450

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

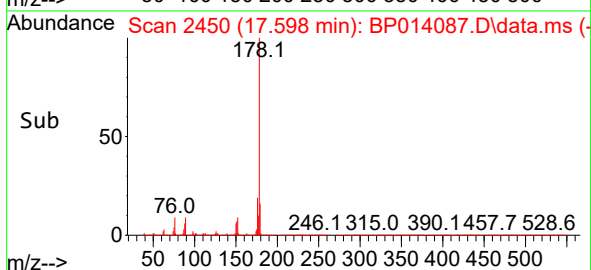
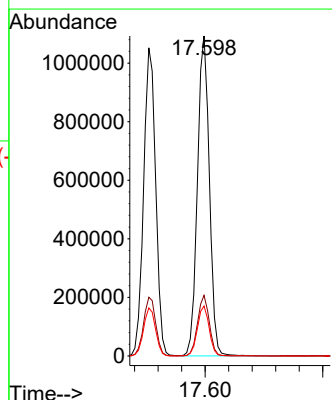
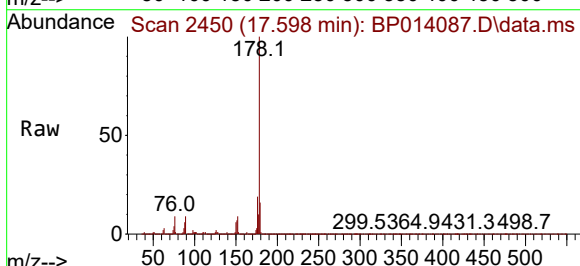
Tgt Ion:178 Resp: 1536053

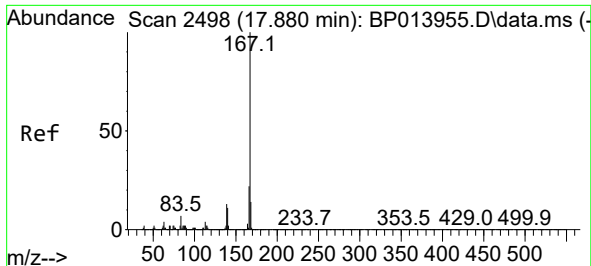
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.6 12.1 18.1

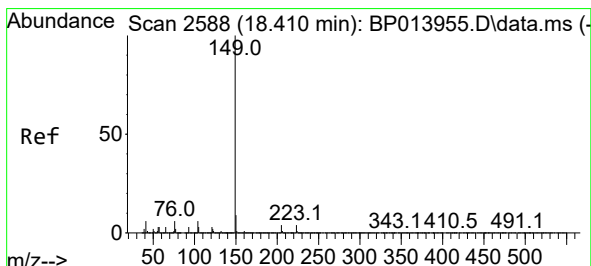
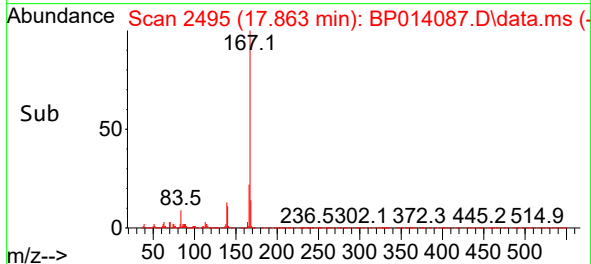
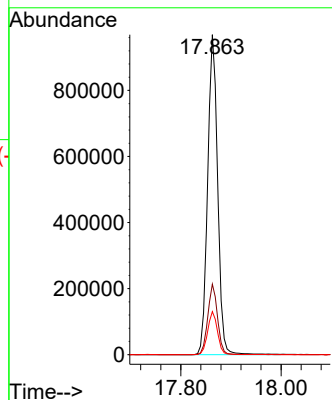
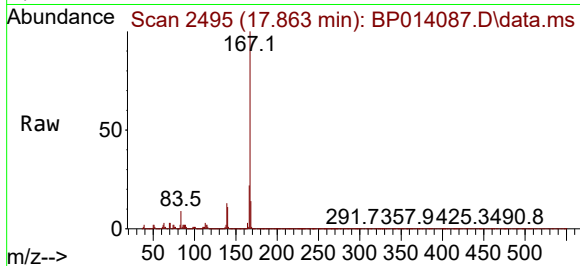




#73  
 Carbazole  
 Concen: 44.547 ng  
 RT: 17.863 min Scan# 2498  
 Delta R.T. -0.006 min  
 Lab File: BP014087.D  
 Acq: 14 Mar 2023 17:43

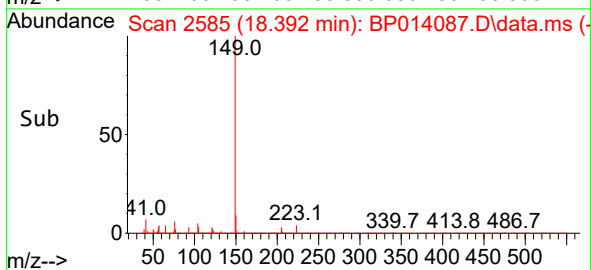
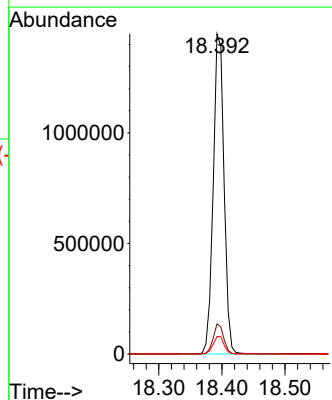
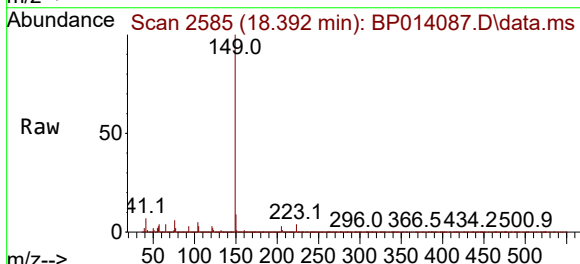
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB151375BS

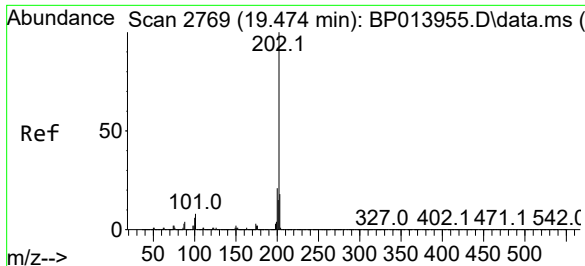
Tgt Ion:167 Resp: 1343217  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.2 25.8  
 139 13.4 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 45.448 ng  
 RT: 18.392 min Scan# 2585  
 Delta R.T. -0.006 min  
 Lab File: BP014087.D  
 Acq: 14 Mar 2023 17:43

Tgt Ion:149 Resp: 1713393  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.2 10.8  
 104 5.5 4.6 7.0

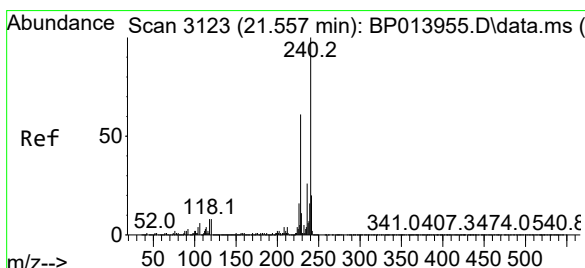
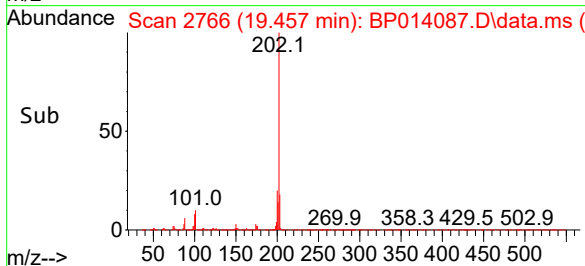
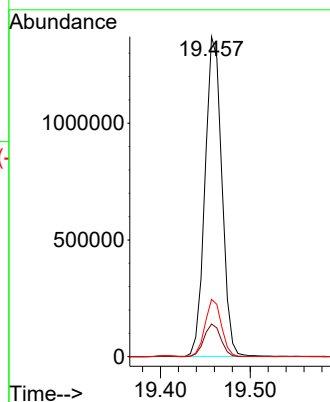
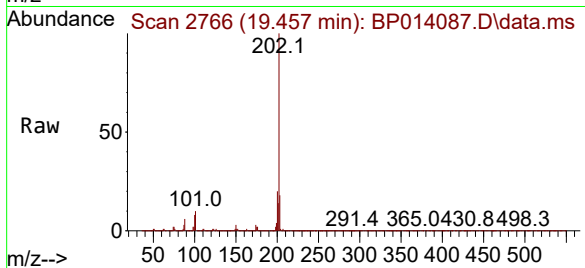




#75  
Fluoranthene  
Concen: 43.560 ng  
RT: 19.457 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

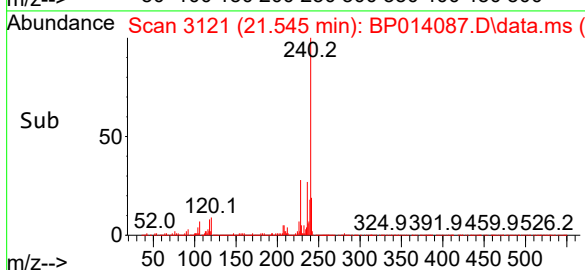
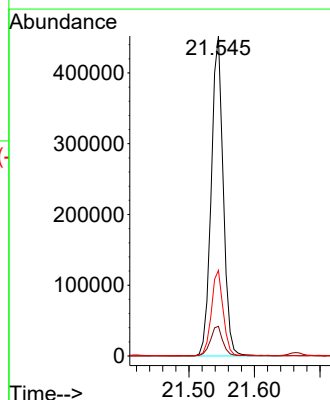
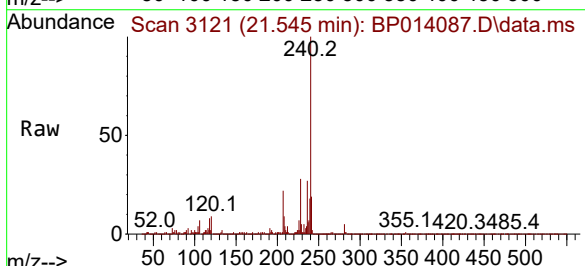
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

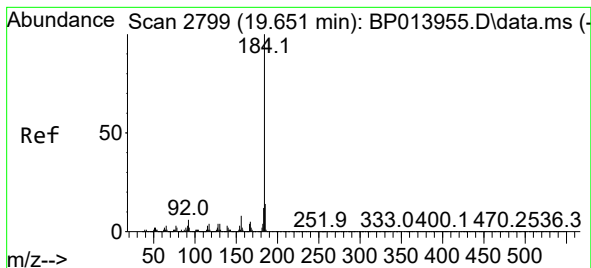
Tgt Ion:202 Resp: 1781191  
Ion Ratio Lower Upper  
202 100  
101 10.2 0.0 27.9  
203 17.9 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.545 min Scan# 3121  
Delta R.T. 0.000 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:240 Resp: 574239  
Ion Ratio Lower Upper  
240 100  
120 9.3 6.4 9.6  
236 26.8 21.2 31.8





#77

Benzidine

Concen: 80.340 ng

RT: 19.633 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

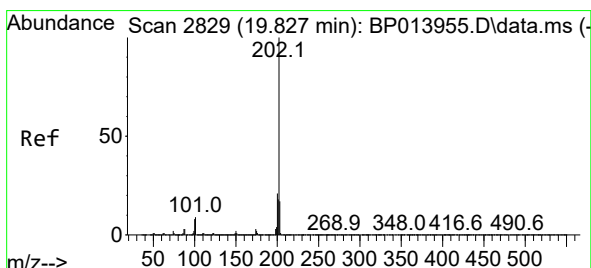
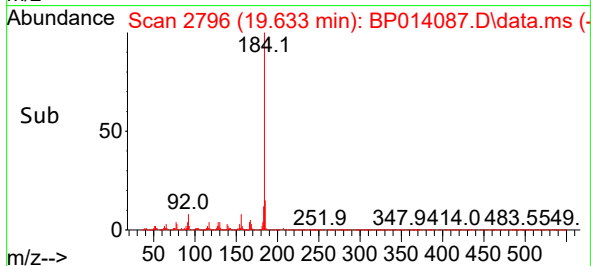
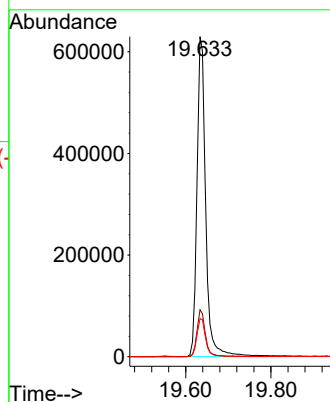
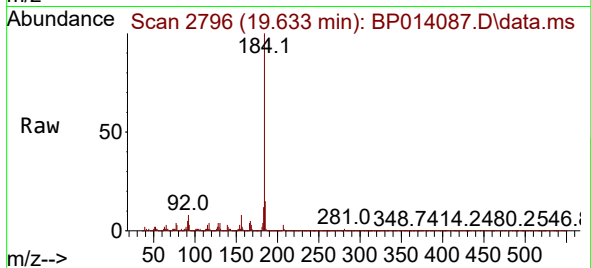
Tgt Ion:184 Resp: 894759

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 11.9 9.7 14.5



#78

Pyrene

Concen: 43.301 ng

RT: 19.810 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

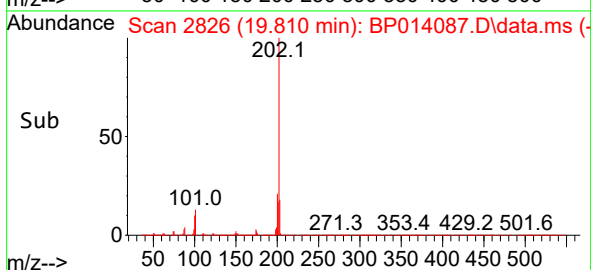
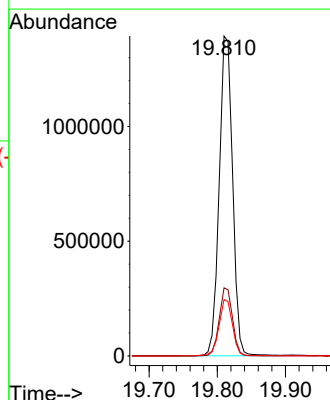
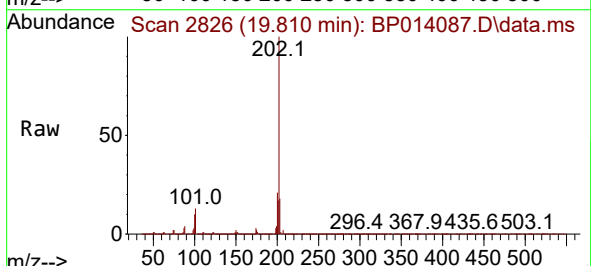
Tgt Ion:202 Resp: 1908482

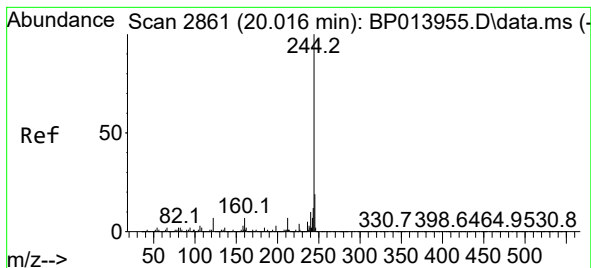
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 63.951 ng

RT: 19.998 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

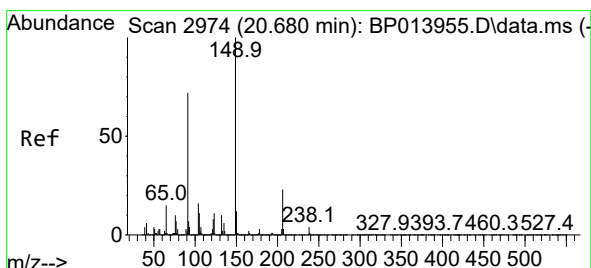
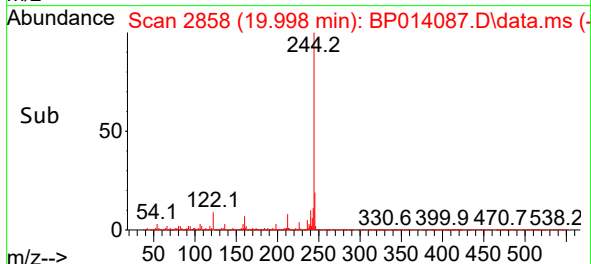
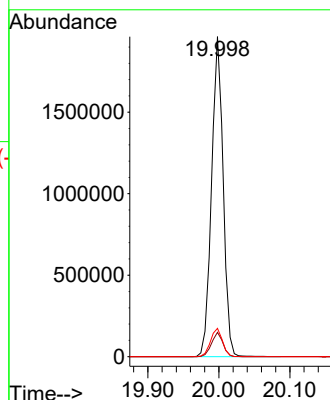
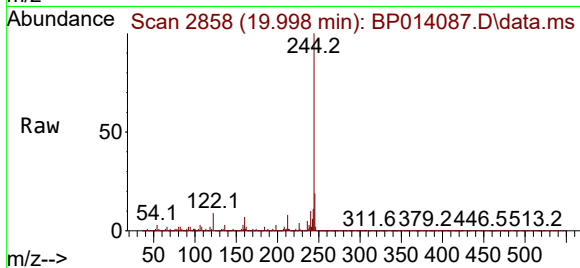
Tgt Ion:244 Resp: 2227057

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.8 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 44.054 ng

RT: 20.669 min Scan# 2972

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

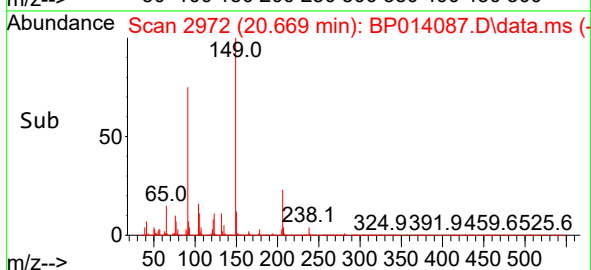
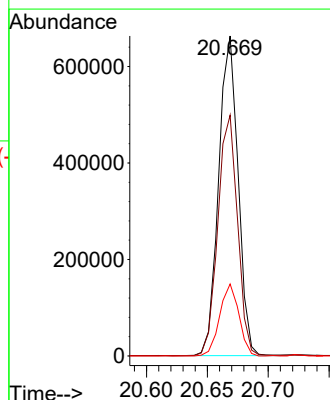
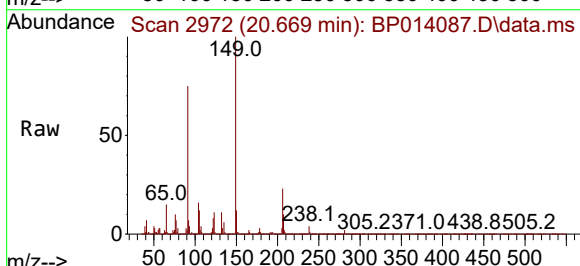
Tgt Ion:149 Resp: 736124

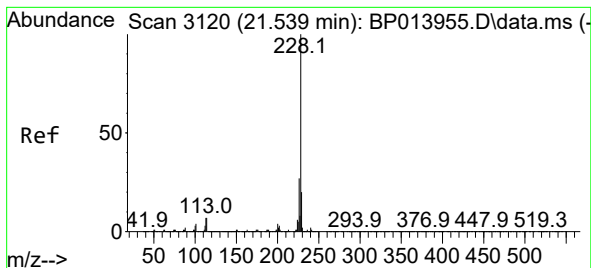
Ion Ratio Lower Upper

149 100

91 75.2 58.0 87.0

206 22.5 18.7 28.1





#81

Benzo(a)anthracene

Concen: 43.312 ng

RT: 21.527 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

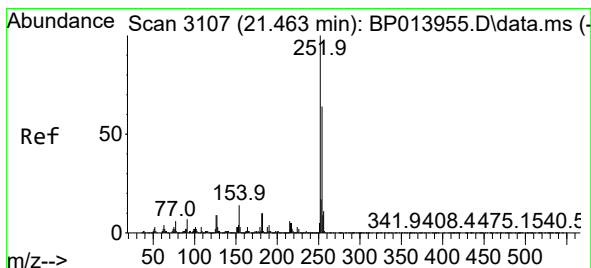
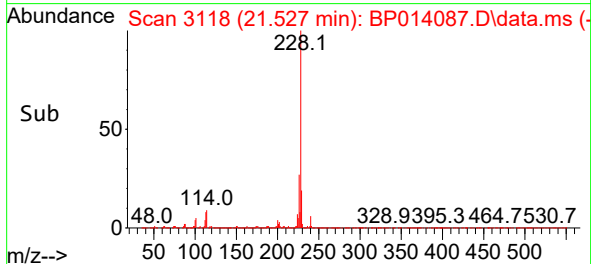
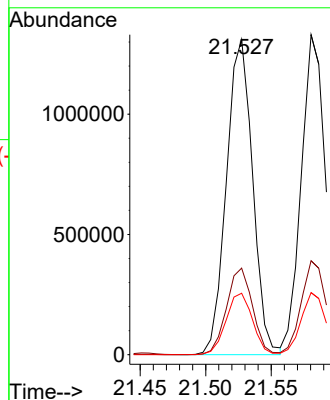
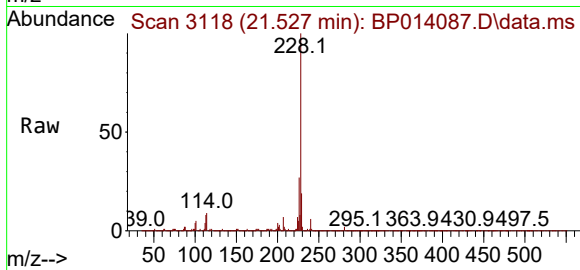
Tgt Ion:228 Resp: 1824897

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.5 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.437 ng

RT: 21.451 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

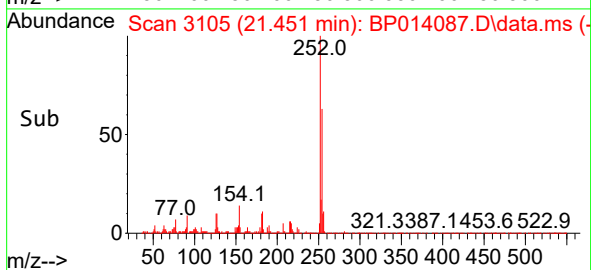
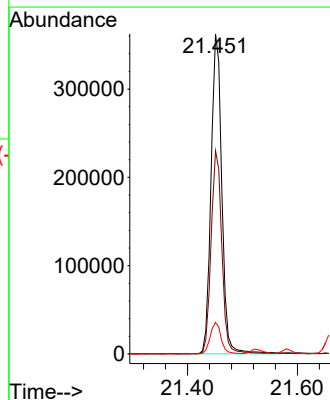
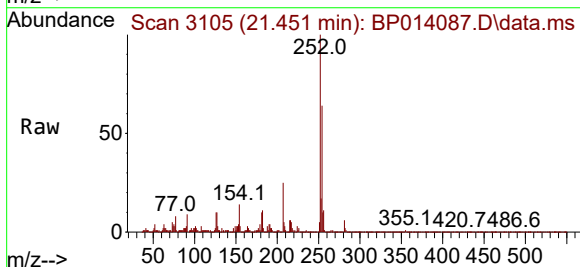
Tgt Ion:252 Resp: 491237

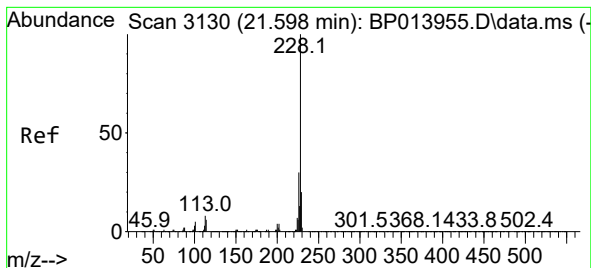
Ion Ratio Lower Upper

252 100

254 63.5 51.0 76.6

126 9.9 7.0 10.6





#83

Chrysene

Concen: 42.921 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

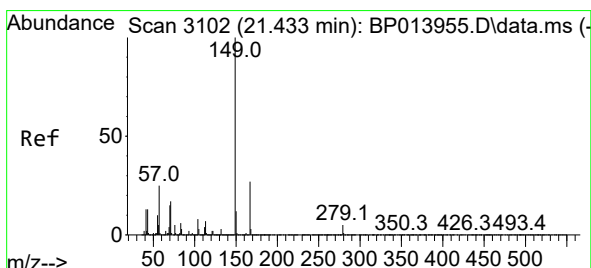
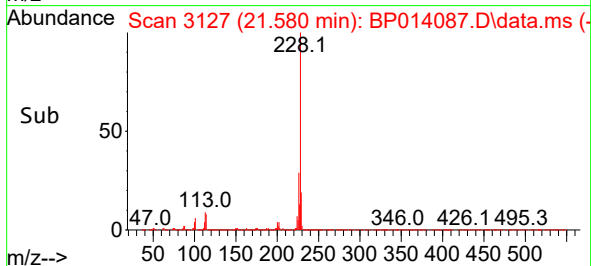
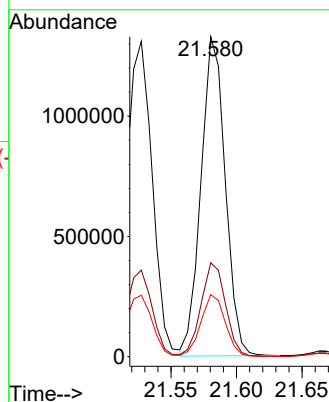
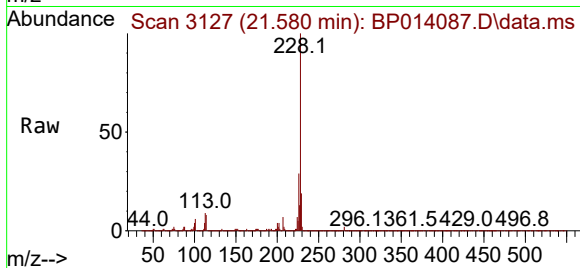
Tgt Ion:228 Resp: 1712599

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.4

229 19.4 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.926 ng

RT: 21.422 min Scan# 3100

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

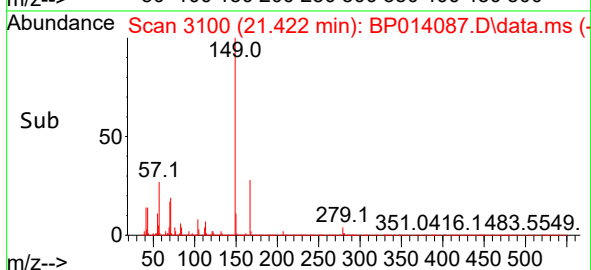
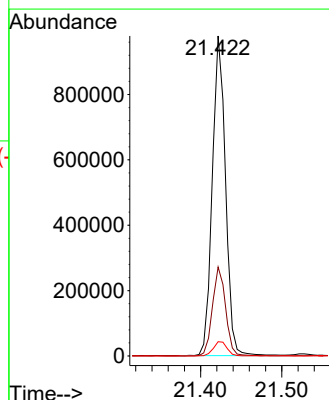
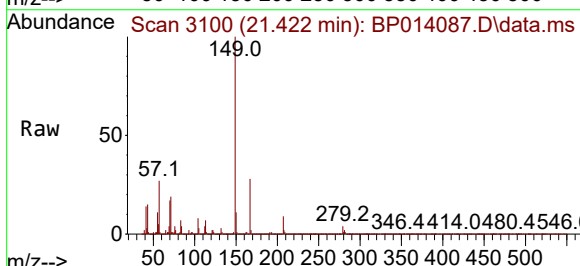
Tgt Ion:149 Resp: 1101286

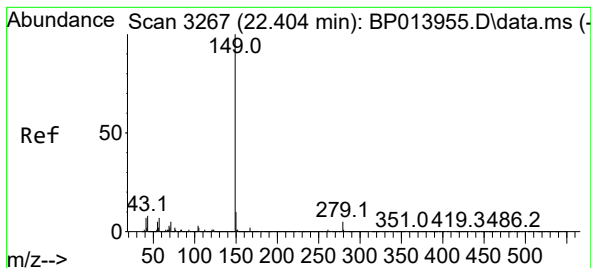
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 46.760 ng

RT: 22.392 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

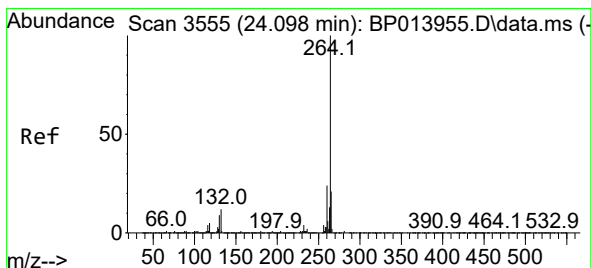
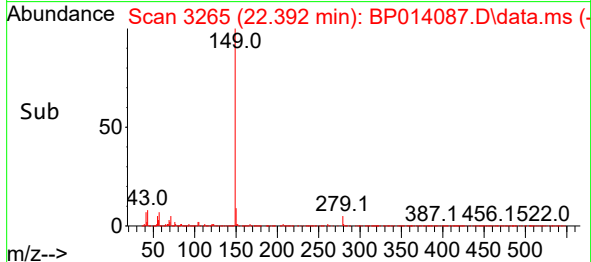
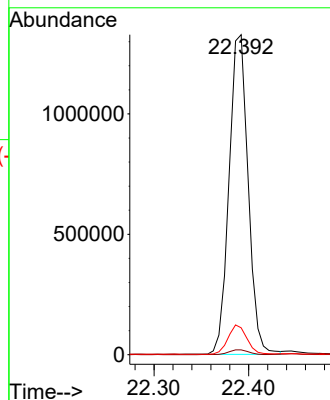
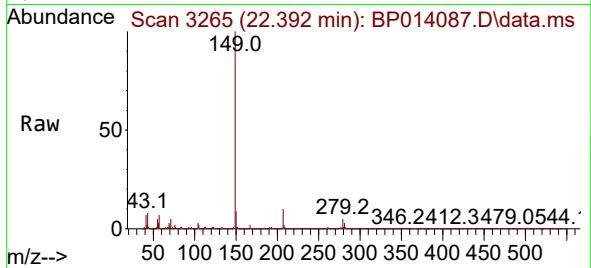
Tgt Ion:149 Resp: 1860668

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.074 min Scan# 3551

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

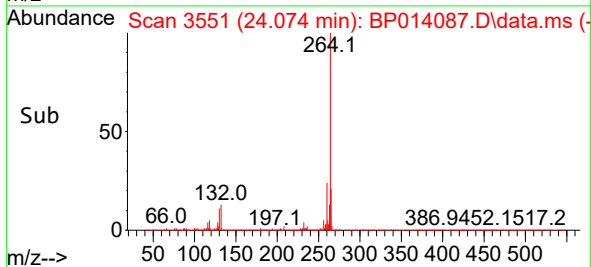
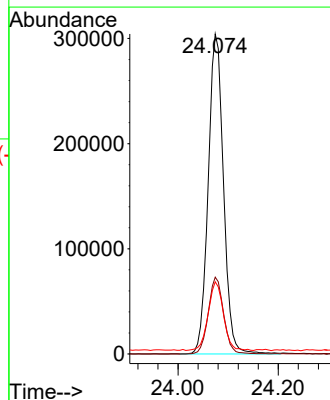
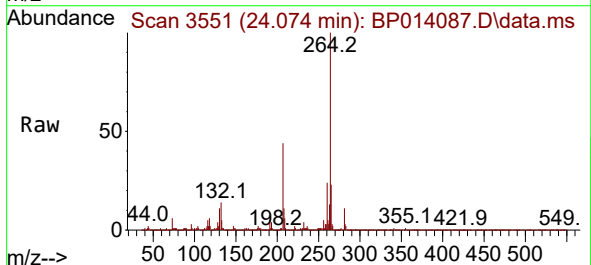
Tgt Ion:264 Resp: 644159

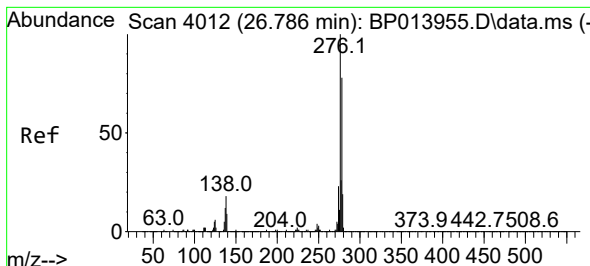
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.6 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.080 ng

RT: 26.745 min Scan# 4012

Delta R.T. -0.006 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

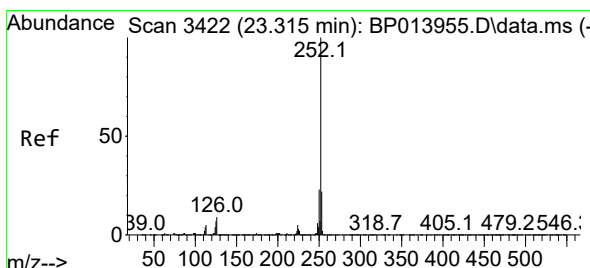
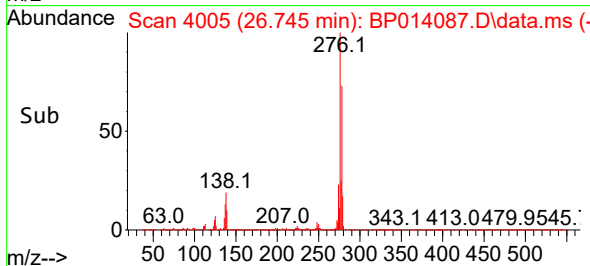
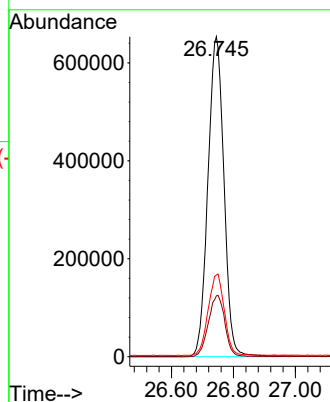
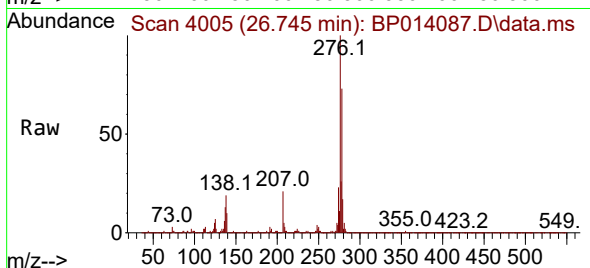
Tgt Ion:276 Resp: 2343277

Ion Ratio Lower Upper

276 100

138 19.6 13.8 20.8

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.951 ng

RT: 23.298 min Scan# 3419

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

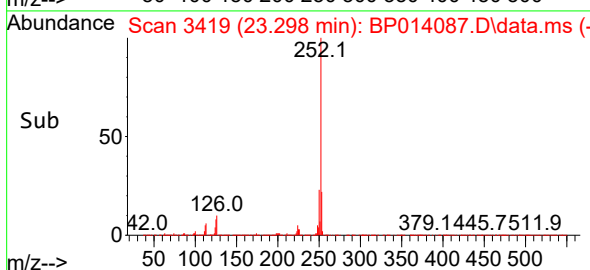
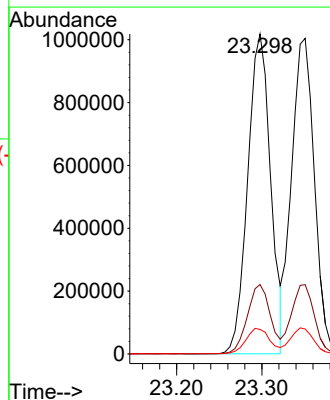
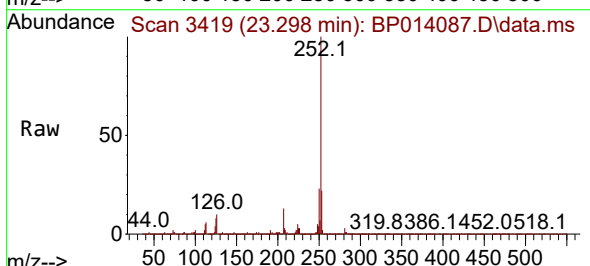
Tgt Ion:252 Resp: 1896033

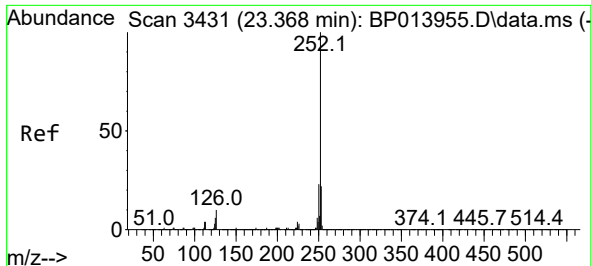
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.7 5.6 8.4

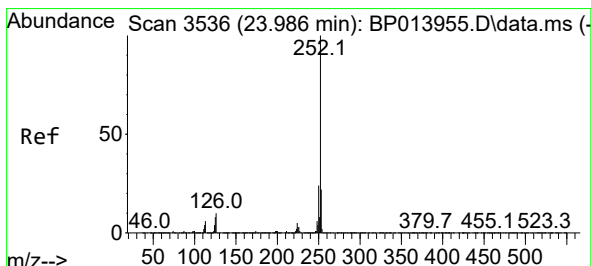
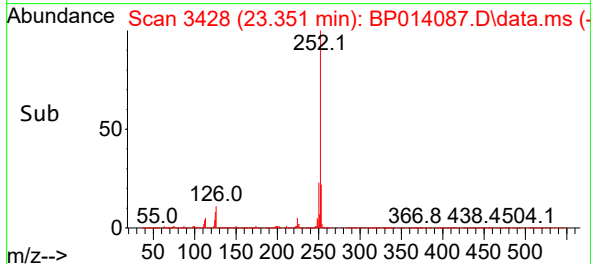
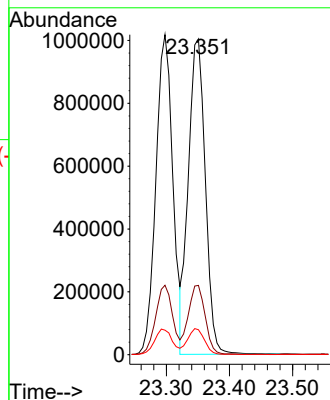
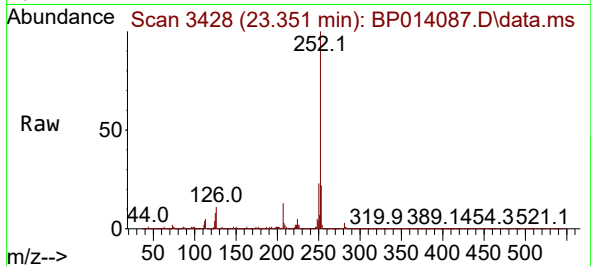




#89  
Benzo(k)fluoranthene  
Concen: 44.832 ng  
RT: 23.351 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

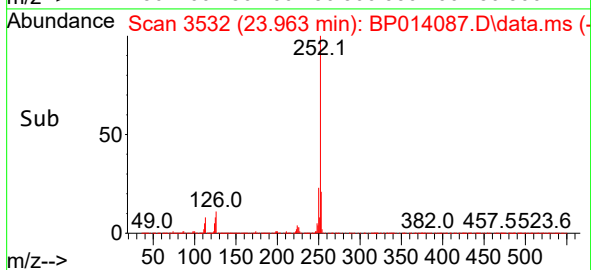
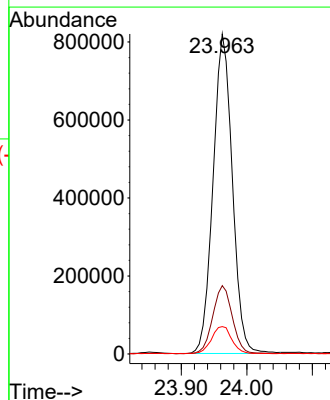
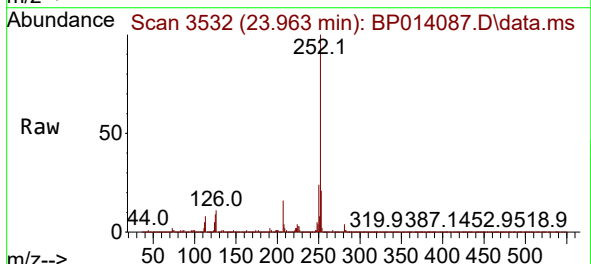
Instrument :  
BNA\_P  
ClientSampleId :  
PB151375BS

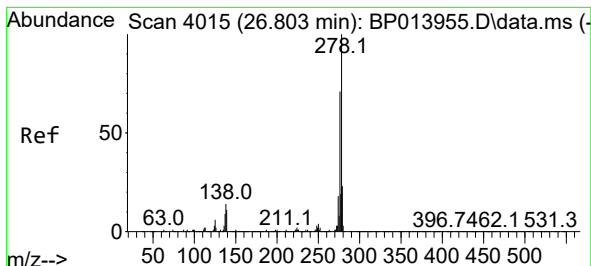
Tgt Ion:252 Resp: 1874911  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 7.9 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 41.563 ng  
RT: 23.963 min Scan# 3532  
Delta R.T. -0.006 min  
Lab File: BP014087.D  
Acq: 14 Mar 2023 17:43

Tgt Ion:252 Resp: 1672188  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.4 26.2  
125 8.5 6.2 9.4





#91

Dibenzo(a,h)anthracene

Concen: 47.087 ng

RT: 26.762 min Scan# 4015

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Instrument :

BNA\_P

ClientSampleId :

PB151375BS

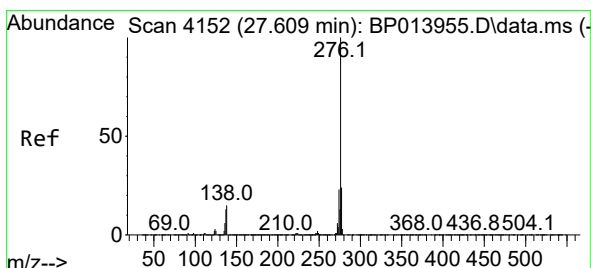
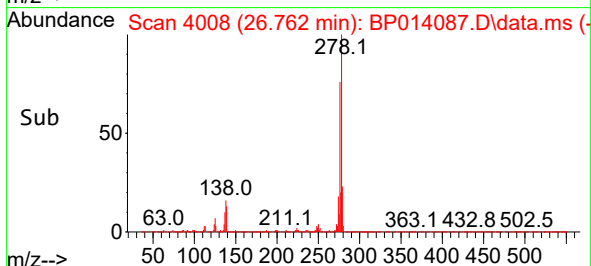
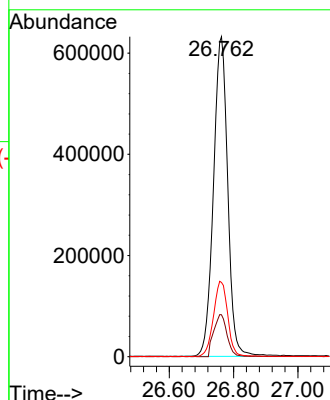
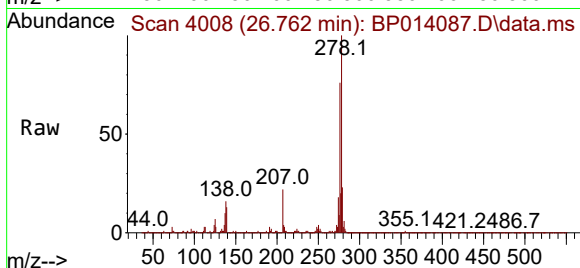
Tgt Ion:278 Resp: 1948374

Ion Ratio Lower Upper

278 100

139 13.1 8.7 13.1#

279 23.2 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.825 ng

RT: 27.568 min Scan# 4145

Delta R.T. 0.000 min

Lab File: BP014087.D

Acq: 14 Mar 2023 17:43

Tgt Ion:276 Resp: 1920156

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 16.9 12.2 18.4

